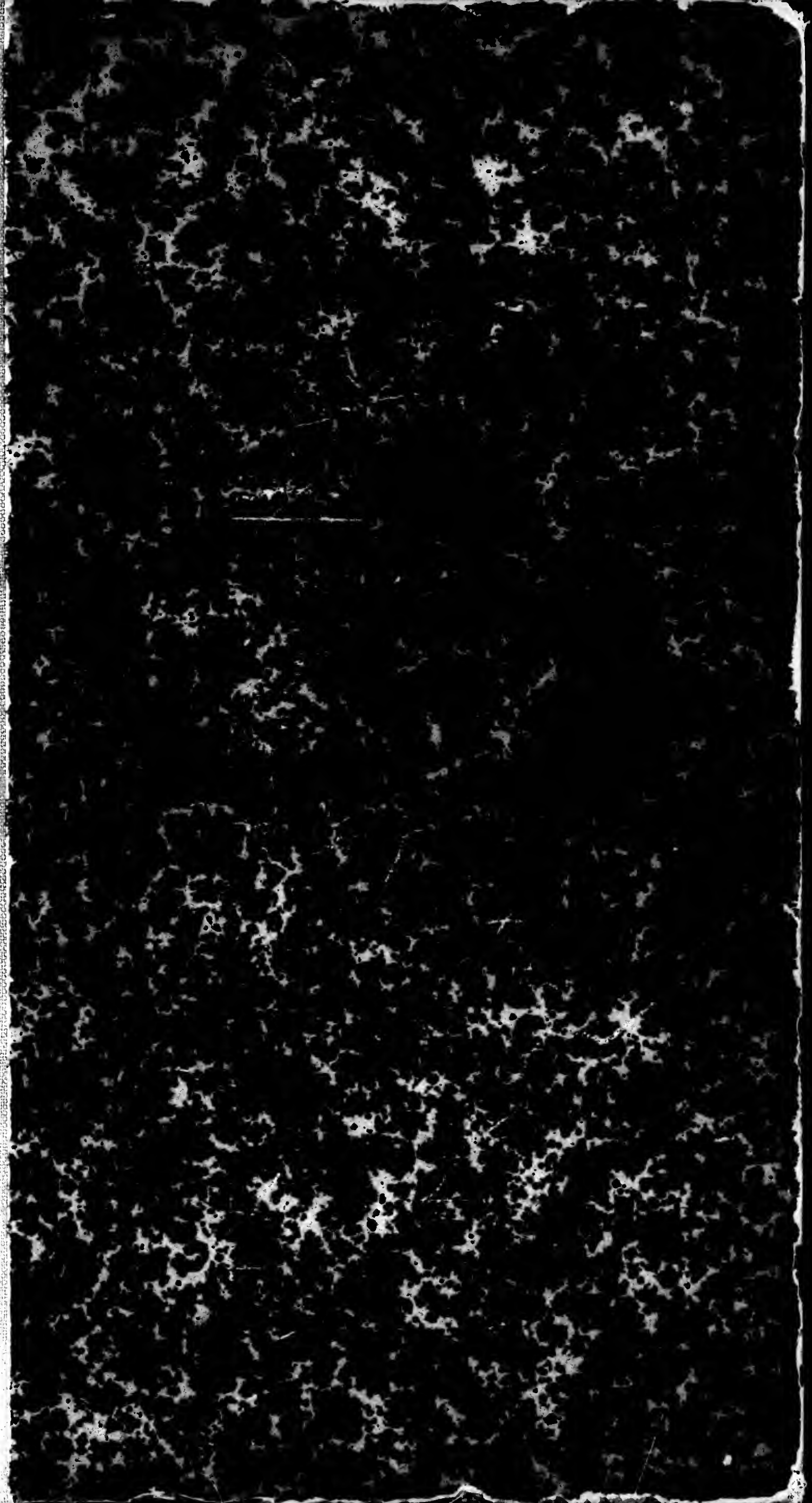
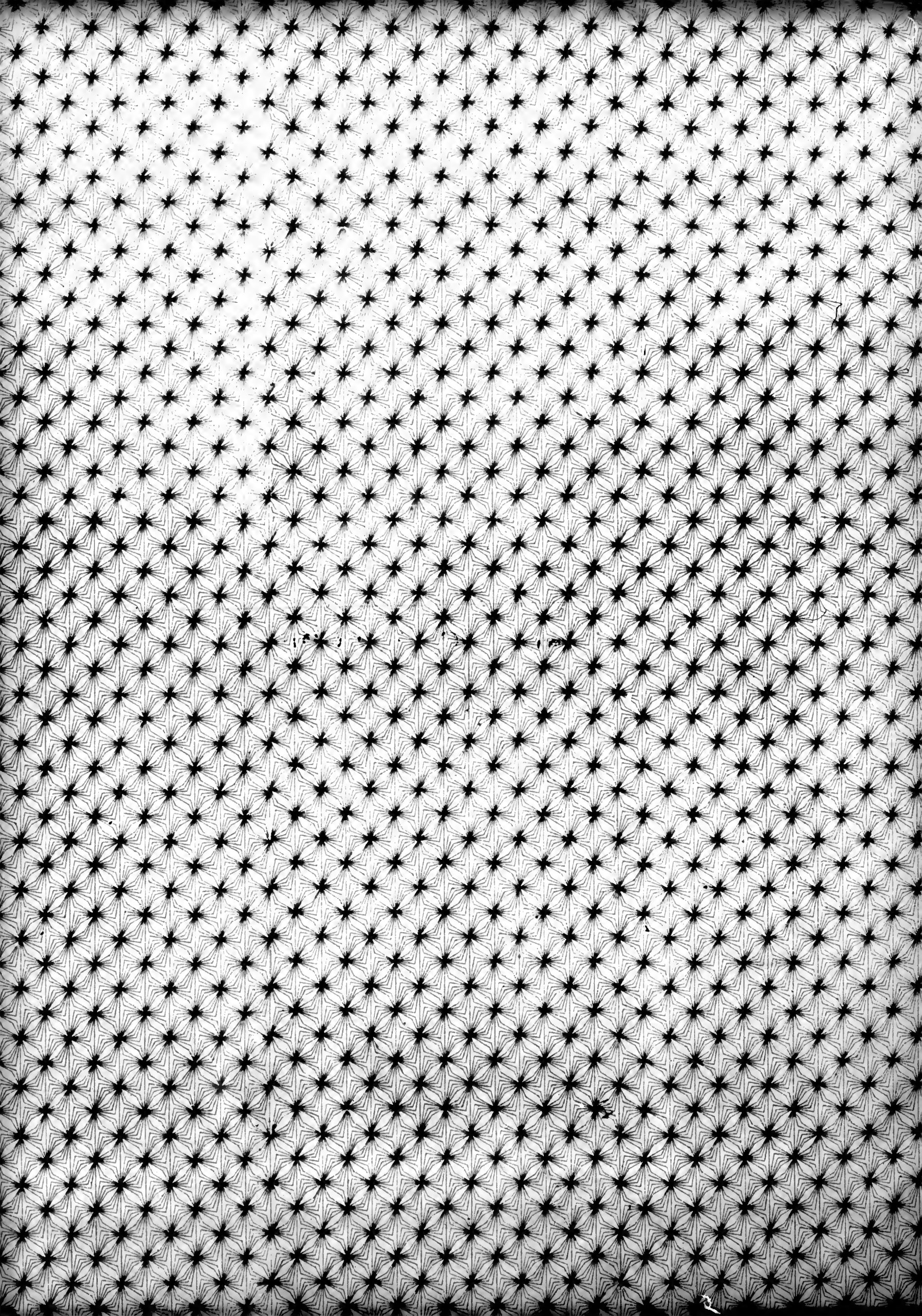


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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, MAY 25, 1905. No. 391.

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" "	4	15-17	5-6		3.00	25.00
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" "	10	46-50	7-8	7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	7	32-36		2.00	24.00	
" " Single	8	34-38	5-6	2.50	30.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	2				.75	5.00
" "	3				1.00	7.00
" "	3½	11-13	4-5		2.00	
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Phoenix Canariensis	8	38-42	10-12	3.00		
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" "	5	16-20		.40	4.50	
" "	6	20-22		.50	6.00	
Araucaria Excelsa	4		2-3 tiers	.50	6.00	
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Araucaria Excelsa

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Utilis	3				$2.00	
" "	5				5.00	
" "	6				9.00	
Poa Trivialis Var	3	Fine for Ferneries				$ 5.00
Crotons	3				1.50	
"	4				3.00	
Cibotium Schiedii	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	3				1.00	7.00
" "	4				1.50	12.00
" "	5				2.00	15.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3.00	
Dracaena Fragrans	4				3.00	

Variety.	Size.	Height.	Leaves.	Each	Dozen.	100
Dracaena Fragrans	7				$9.00	
" Terminalis	6	22-24		$ .75	9.00	
Asparagus Plumosus	2					$3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	3				.75	6.00
" "	4				1.50	10.00
" "	5				2.00	15.00
" "	6				3.00	20.00
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Cobaea Scandens, fine plants	4				1.00	8.00
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	Per 100
Brides and Maids, extra select	$6.00
" " good graded stock	5.00
" " medium	4.00
" " short	3.00
Liberty, Chatenay, long	10.00
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" short	3.00
Roses, my selection, per 1000, $30.00.	
CARNATIONS—fancy	$3.00 to 4.00
" select	3.00
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Valley, Tulips	3.00 to 4.00
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Daisies, Pansies	.50 to 1.00
Alyssum	.25
Mignonette	2.00 to 5.00

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Asparagus, strings, each,	.40 to .50
" bunches "	.25 to .50
Sprengeri, " "	.25 to .50

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Ferns, common, per 1000,	2.00 to 3.00
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THE RETAIL FLORIST.....

THE SHEAF OF WHEAT

And the Flowers That Go Between.

The amount of flowers in the first illustration is made purposely scanty to plainly illustrate the principle of today's discussion, namely, that all lines of a design should have a common source. To explain, the lines of this design can be found by making a very simple drawing. two or three lines to represent the position of the wheat straws from the tie upwards, and the same from the tie downwards. Then add one line to represent the general direction of the principal group of roses on the right side of the center of the sheaf, and another to show the stem of the roses which stands out higher on the sheaf than the others. Add another line for the other group, the one on the left, being careful to trace the lines in to the point of the tie on the sheaf. They are all drawn in toward the tie on the center of the sheaf. Then some of them scatter again, outwards, like the wheat straws below the tie. From this standpoint our piece is correct according to a well known principle of art.

We will state it again for emphasis: All lines of a design should tend to a common source or center. Growing out of this principle, naturally enough, is the lesson of the sheaf and the roses. They appear to have been cut just as if they were found growing together and to have been bound in the same bundle. Does this not appear to you as being the true motive for the combination of the wheat and flowers, rather than the common practice of making a flat bunch of the flowers and laying it on top of the sheaf?

The stems of the flowers thus arranged may not all be seen, but the position of the flowers will tend to show their whereabouts. Some can be set under the sheaf and the flower pulled through the wheat. The lines that are shown of the stems among the wheat can be much larger and heavier. Foliage in the way of ferns or vines can be added, and the piece made more or less elaborate as the case requires. Ribbon, if used, should be tied tight as though the whole bundle were held together by this tie alone. Where ribbon is used, remove the tie that comes with the wheat. Otherwise the tie will be too bulky.

In getting the flowers in among the wheat it is not necessary to insert all the flowers individually. In the illustration two or three groups were made according to the principles for making clusters, and these small clusters were wired together securely and set into the sheaf after the surplus foliage was removed. If a flower strays out of place or the stem breaks and bends back, never mind. It is so much the better. Only fasten it securely where it lies. This design also enables one to make a better showing with a small amount of flowers.

With Valley and Adiantum.

The second illustration is an elaboration of the first, using lily of the valley instead of the roses, and introducing adiantums as extra foliage. It is a series of sheaves with a background added. The material used is three large sheaves of wheat, 150 adiantum and 150 valley. The wheat ties of the sheaves were removed for purposes of convenience in this case, although they might have been left on as far as appearances are concerned. The intention was not so much to give an impression of a made-up piece, but to find the most convenient and substantial mounting. A rectangular panel of thirty inches length made of light wood, or one of the ordinary wire frame is made. If the wood panel is used the sphagnum should be packed on about two inches thick and wrapped over and over closely around the back and front. If it is a wire panel the usual method of lining, filling and wrapping is followed. If the latter is used the sheaves must be tied on over the sphagnum, but if the former is used they must be nailed through the sphagnum into the wood back of the panel.

The left sheaf is placed so as to project slightly over the edge of the panel, with its center about the center of the panel vertically. The top sheaf is placed with about one-third of its height projecting over the top of the panel, and the third sheaf back slightly from the right edge of the panel, and so that its top is below the center of the panel horizontally. When the sheaves are on, not much of the sphagnum will be seen, only patches here and there; but we will not be in a hurry to cover up the patches yet awhile. Stem about 100 of the valley in clusters of two or three, sheathed with a leaf of their own foliage. In cases like this, where there is no danger of the picks protruding at the back of the frame, use the whole picks wired. Many florists use these exclusively, but it is better to have both kinds and choose to suit the occasion. The groups of valley in this piece lie against the panel, so there is plenty of depth to the moss filling. In arranging the valley with the sheaves follow the same plan of design as was outlined for the first sheaf and the roses. For the upper sheaf make an ordinary spray of about two dozen valley. Next make a staple from a heavy, yet pliable, wire; lay the spray flat against the moss, close to the left side of the upper sheaf, a little higher on the panel than the upper sheaf is placed. Pin it firmly to the sphagnum with the staple. Continue this process with the stemmed bunches of valley through the top sheaf, following out the design of the roses and wheat in the first illustration. Run the stem ends of the small valley group firmly into the sphagnum fan-shaped until the upper sheaf is closely decorated as shown.

Then start in on the lower sheaf, scattering the bunches a little more, as



A Sheaf of Wheat and Roses.

the last illustration shows clearly. A few clusters are placed up among the wheat heads, their stems following the direction toward the tie of the sheaf. Some are peeping out, only partly visible, and others are closely grouped down toward the center of the sheaf. But all, one way or another, radiate from the wheat tie as a center, except those on the lower left corner of the panel and the two erect groups, one above another, to the right of the lower sheaf. It can readily be seen that these take their source from the background and not from the centers of any of the sheaves. This is the intention. Together with the fern leaves, these latter patches of valley are a part of the background. The adiantums are stemmed long, two or three to a pick, and inserted under the sheaves so as to cover the sphagnum. They are sprayed out freely all over the panel. Two good sized groups are thrust into the left sheaf so as to give the impression of having been cut and bound with it.

With the severe lines formed by the wheat being tied into formal shape, it is advisable to give the flowers and green all the freedom possible. Strive to attain the happy medium in the finished piece of a decisive character softened with natural touches. G. B.

MISCELLANEOUS SEASONABLE HINTS.

Geraniums for Stock.

You may be given hints of important work just now, yet the all-absorbing matter for the next three weeks will be getting out your orders. The extremely dull and cold May has kept our customers quiet. They are in no hurry this spring, but when it does come warm there will be a dreadful rush.

If not already done, you should spare help to plant out your own stock for future propagation. There are many things of which a few small plants will suffice even if not put out until the Fourth of July, but with the most important of all summer bedding plants, the geranium, this will not do. If you expect a big lot of healthy cuttings in September or October you must plant out healthy, vigorous plants now and give them plenty of room. Geraniums are usually planted about one foot apart. At this distance they make a mass of leaf and bloom, but the growth is too much drawn up to be strong and on your own place for stock they are better at least eighteen inches apart, and get them growing well.

More than once we have seen some excellent variety sell entirely out. This is bad management. If they had been in the ground, with flowers and buds picked off, you would have been all right for the future.

Some Standard Sorts.

It is not every year we get a new geranium that completely fills all requirements. Possibly some varieties do better than others in certain localities. There are many splendid kinds, but it is not advisable to grow many. It only makes extra work keeping them labeled and where two or three varieties are almost identical, choose one and let the others go. A fine flower of peculiar shade of color is of no value if the plant is not a healthy grower. Semi-doubles are almost entirely used for bedding. Among familiar varieties that cannot be beaten are S. A. Nutt, crimson; Alphonse Ricard, orange scarlet; Mme. Barney, pink; Beaute Poitevine, salmon; A. H. Trego, bright scarlet, very large; John Doyle, vermilion scarlet; Jean Viaud, light pink; Mrs. Frances Perkins, bright clear pink; Fiancee, white. Telegraph is a single cerise scarlet of great vigor, free flowering and said to be a great acquisition. Gloire de France is such a pretty flower it should be grown, even if it is not the best of bedders, almost white with bright salmon center. There is one large salmon single indispensable for bedding, Mrs. E. G. Hill.

Try Some Novelties.

If your trade is selling on the market, or retailing a few of a kind mostly, then a greater variety is desired and many beautiful kinds can be grown. It costs but a trifle to try a half dozen of a few new varieties. In fact, it is the proper way to improve your collection. We once knew fifty zonal geraniums by their leaf and habit without seeing the flower, but as our business now is almost entirely filling flower beds and we are only asked for scarlet, or pink, or salmon, this number of varieties is no longer necessary. Yet what a pleasure it is, or should be, to buy half a dozen new kinds and watch their growth and opening flowers with the expectation that they will be all that Messrs. Slip & Cutting's catalogue pictured them. Of the many things that have been written and quoted about the late Joe Jefferson, one that is a compliment to our calling and most pleasant to relate is a letter to an old friend. He said: "The saddest feature of old age is the absence of expectation, and that is why I have become an enthusiastic gardener, for gardening is all expectation."

Silver-Leaved Geraniums.

Of late the bronze-leaved geraniums have very much dropped in favor, but the silver-leaved Mountain of Snow and the compact little Mme. Salleroi are largely used. Get some out before you have only scrubs left. We do not make as much of the ivy-leaved section as they do in Europe. They grow very fast when hot weather comes and soon cease to flower, but where their roots are more confined, as in vases, veranda or window boxes and also in 5-inch or 6-inch pots, they are beautiful plants and in no section has there been such wonderful improvement. Plant out at once a good stock of your standard kinds, as well as a few



A Sheaf of Wheat with Valley and Adiantum.



Tulips in the Parterre at Lincoln Park, Chicago, May, 1905.

plants of the newer introductions. A good semi-double ivy-leaved geranium in a 5-inch pot and supported with two or three slender stakes will sell on our market better than S. A. Nutt. They do not sell for flower gardens, but for the humble cottage windows and, though they may sell singly, there are many thousands of windows to receive them.

Fuchsias.

In the winter I reminded you to select a few plants of your earliest propagated fuchsias, grow them as large as you could and not sell them, for from such plants well ripened in October you must get your cuttings. Now do not sell them. You have plenty of others. Keep these strong plants and in a few weeks plunge them out of doors and keep them well watered and you will have wood on them that will give you strong cuttings. Little, weak plants of fuchsias will never give cuttings that will make the best plants.

Cannas.

The canna is now of the first importance. Well supplied, as you may think you are, they will all go and it is far better in every way that you grow your own stock. They are so easily kept during winter that there is no excuse for being short of good roots in March, but you cannot have them unless they are planted out now.

Like others of our popular flowers, new varieties are not all improvements, but it is most interesting and inexpensive to try a plant or two of the novelties. We often think of many a good thing we have grown just because we have happened to see it. If we had not seen it we might not have possessed it for two or three years and as we cannot see all the good things we must risk buying some that are no improvements to obtain a gem or two.

Hydrangea Otaksa.

Plants that were propagated in February and have been kept in the light would have been better shifted two weeks ago. If you take the good advice of Mr. Peterson you will put three of these 2½-inch plants into a 5-inch pot or six plants into a 6-inch pot and now they should be plunged out of doors in the broad sun, where it is convenient to water them, for they want plenty of water from the middle to the end of July. Pinch out the top of each plant and they will make side shoots, but two, or at most three, breaks to each plant is enough. They will in early September need another shift of two inches; that is, if in a 5-inch pot shift to a 7-inch and then again plunge them in the sun. At all shifts a heavy, fresh loam with a fourth of rotted cow manure is what they want and they should be potted firmly. This is an important point. We hope to allude to later treatment at a more seasonable time. Hydrangeas are now imported and give fine flowers, but what we have seen of the imported plants are not as dwarf, handsome plants as the home-grown ones.

Planting Lawn Beds.

I want to say a little about the operation of planting our flower beds. As we have had occasion to remark, if it is a bed of geraniums or cannas with some edging and it amounts to $15 or $20, we would rather one of our experienced men should do it for our customers, as results will be better, both for immediate appearance and future welfare. We sometimes find that the planting is not the only thing to do, for the bed is still as it was left last fall. The digging should never be done without charge.

With small plants like echeverias, santolinas and alternantheras it is a simple thing to squeeze the plants into the soft ground. A good sprinkling with the hose will start them going and a slight stirring of the soil before it is quite dry will prevent the soil from baking. This method, however, is not always satisfactory with larger plants, such as our fine flowering geraniums. I am sure it is time and labor well spent to make a hole of ample size, put in the plant and enough soil to surround the ball and give it a good firming, but do not fill up the little excavation. Water each plant thoroughly. You know then that the ball of roots and the ground immediately around the ball are well saturated. In a few minutes the water has soaked away and then fill in with the dry earth you took out with the trowel. That will act as a mulch and be worth five waterings on the surface. Many flower beds are foolishly rounded up and in that case it is very difficult to water on the surface and get it to penetrate. A soaking would wash the loose soil onto the grass and not thoroughly wet all the roots. This plan may and does take a little longer, but it is work well done.

WILLIAM SCOTT.

PUBLISHER'S NOTICE.

Tuesday, May 30, is a holiday, and advertisers and contributors will aid greatly in the work of publishing the REVIEW of June 1 if they will make an effort to place "copy" in our hands on Monday.

CHRYSANTHEMUMS.

When is it best to cease stopping early chrysanthemum plants, that is to say, pinch them back, and to choose the three desirable shoots? E. V.

Supposing you have a young plant four or five inches high and you will plant it about the middle of June: If it is growing tall, stop it now. If later, and only two or three inches high at planting time, let it get a good start in the bed and then pinch the top out. If you get three shoots you have all you want and must keep any more growths rubbed off. If you should only get two shoots from the stopped plant, then choose the strongest growth and in a few weeks pinch it again. You will then get two shoots.

Now I want E. V., who must be a reader of the REVIEW, to observe carefully each week what C. H. Totty has to say about chrysanthemums. He is an explicit writer and an expert grower and versed in all the lore of the queen of the autumn, as well as all the wrinkles that produce a commercial flower and an exhibition monster. "Read, mark, learn and inwardly digest" all he says of Mistress Mum. W. S.

LILY OF THE VALLEY.

Please inform me when and how to thin out permanent lily of the valley beds. What distance apart should the plants stand? E. V.

The best month in which to separate your valley roots would be October. The leaf is about gone then and the roots dormant. I should advise you to make at least two grades of the roots: The large pips that will flower the following spring and the weaker that may not flower for two years. That is, of course, providing you want to increase your stock to that extent.

Plant six inches between the rows by two inches between pips. We moved some last year, making new beds of some of the strong roots, and they are now flowering finely. Dig the ground deeply

and manure well. It is often recommended that valley should be planted in partial shade. That does not seem to us essential. It may help the flower but not the plant. You should plant in beds of such size that you can easily put up a few boards to support glass, sash or frames covered with cheese-cloth, which will greatly help the quality of flowers and prevent a storm from ruining the crop. We think we cut spikes last spring from such a bed a little finer in every respect than the finest forced flowers we have yet happened to see. This sash protection is only needed for a few weeks, unless you want them in flower a week or so earlier, which can easily be done. W. S.



CARNATION NOTES.—WEST.

Cultivating and Watering.

Now that you have your planting all done you should keep after the cultivating systematically. Just as soon after each rain as it will do to work the ground, you should go through the rows with the cultivator and break up the surface. If it does not rain for a week, go through them again at least once each week. The first cultivating after each rain should be rather deep, but the others need be only deep enough to break up the surface. This cultivating is of immense value to the plants during a long dry spell and, while it does not cause them to grow as rapidly as frequent rains do, it keeps them from burning and keeps the plants in a healthy, slow growing state.

I have always preferred this frequent cultivating to any artificial watering in the field and I claim that except in the most extremely dry seasons you can produce a better plant for housing with the cultivator than you can by the use of the sprinkler. The plants may not run so large, but they will be hardier and stockier and will stand up better when transplanted, because they are not so soft and sappy. They will take hold of the new soil quicker and the quality of the blooms produced early in the season will be better.

Every few weeks, according to the weeds, you will need to go through them with the hoe, hoeing out the weeds and breaking up the soil between the plants in the row.

If you have planted a lot for summer blooming, of course the above does not apply to them. You want a rapid growth on them and nothing will do it better than a good supply of water. A good mulch of old manure and a daily watering will produce a strong, rapid growth and good blooms. If you cannot mulch them, keep the top of the soil loosened up well, as it will act similar to a mulch in holding in the moisture.

A. F. J. Baur.

LAWSON.

Will Mrs. Lawson do better if shifted as needed and kept in the house until time to plant on the bench, or should it be planted in the field like other varieties?

L. M. B.

There are three ways to handle Mrs. Lawson successfully and it seems to be a toss-up as to which is the best. The very highest grade of blooms is produced under each method and it seems to be simply a question of care and attention to details. The method we prefer is to plant on the beds early in May from 3-inch or smaller pots, according to when the cuttings were propagated. The second way is to pot into 4-inch early in May and plunge outdoors until June or July and then plant them on the beds. The third method is to plant in the field along with the other varieties and plant into the house early in July. It is getting late now for planting in the field, so I would advise you to employ either one of the first two methods. A. F. J. Baur.

CARNATIONS BURN.

My carnations are burning very badly with glass shaded on the south side, houses running east and west. I put it to the watering which my foreman does during midday, but he says our glass, which is B grade, does it. Who is right?

S. M.

I hardly think that watering during midday would cause your carnations to burn. It often happens that part of our carnations are watered between eleven and twelve o'clock and we have never had any trouble along that line. I can not say, however, that the B glass is responsible for it, either. B glass is not considered as good as A glass, on account of the imperfections, and most growers prefer to pay the difference in price and use the A grade.

Before you argue any further, however, I would suggest that you make sure whether the burning is not caused by thrips. At this time of the year, when the sun is hot, there is much complaint of the petals burning after having been punctured by the thrips. Take a half open bloom or a bud just before unfolding and pull it apart and look for a little tan or brown insect about one-sixteenth of an inch long and quite active. If you find any of these you need argue no further. Send for a can of To-bak-ine Liquid and apply it according to directions every evening for a week and then about three times weekly until your plants are clean. I have said a good deal lately in my notes about how to fight and prevent this pest from gaining a foothold on your place and it might pay you to look over your back numbers of the Review.

If it is caused by the B glass, the burning will be in streaks, running east and west, along the bench and you can soon locate the spot that does the focusing and by painting the under side of the glass with a thin coat of white lead you can stop the burning. A. F. J. Baur.



PLANTING.

In the planting of grafted stock, great care should be taken to have the point of union below the surface, so that it will never be exposed to drying influences, which are fatal to this class of stock. This method of planting also encourages the formation of roots on the scion, giving the plants all the benefits to be derived from own-root stock.

It is also a safe plan to give grafted stock supports as soon as planted, as in case of hard syringing or accidental brushing against, the scions are easily detached. Beauties, because of their quick, succulent growth, should also be supported as early as possible, so that they maintain an upright position and stand up to the syringe, which makes it so much easier to keep off red spider.

Cutting, Packing and Shipping.

Memorial week, with all its bustle, cares and troubles, is now with us and a few remarks on the cutting, care and packing of stock may be of some service. Judging from past experience we may still look for the work of the pickler, but I am glad to observe that this practice is in a great measure being abandoned and particularly so by the younger growers, which augurs well for the future. It is foolish and suicidal to ship out stock after it is thirty-six hours old and it must have been well cared for to make it safe even at that age, as the distance to be traveled, carelessness of the express companies and sudden change of temperature to which we are subject at this season, may cause a shipment of that class of stock to become a dead loss, causing disappointment to your customer, loss of confidence



A Pink Peony Well Liked as a Cut Flower by Kennicott Bros. Co., Chicago.

and causing irritation between yourself and customer and eventually loss of orders.

Use clean, white paper next the blooms when packing, as this gives a good appearance, even to inferior stock, whereas dirty, crumpled paper and careless packing causes the very best of stock to look mussy.

Wrap well and tidily and cord the boxes in such a way that they can be handled easily.

To facilitate the prompt and expeditious delivery of stock, the address and routing instructions should be clearly and distinctly written, as expressmen are usually too busy at this season to spend much time on deciphering puzzles in that form.

Now a word to the customer. If the stock received is not quite so good at the end of the week as it was at the beginning, remember that the grower also has his troubles and that his customer frequently insists on having shipments when stock is scarce and has to be cut tight in order to accommodate him and if sales begin to fall off he is sure to get his share of the blame. Do not insist on having stock of that kind, as disappointment is sure to follow and disposing of such has the effect of giving your stock and methods a bad name.

RIBES.

PUT a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph the order. You will find it a very satisfactory source of business.

A GOOD PINK PEONY.

The accompanying illustration is from a photograph of a pink peony which is being offered in moderate quantities by the Kennicott Bros. Co., Chicago. The blooms were cut at Sarcoxie, Mo., where they are being grown for E. E. Pieser, who owns the stock. The color is a pleasing permanent shade of light pink and Mr. Pieser has bought all the plants he could find of this variety. He says that it is the most remarkable keeper of which he knows and he believes that it has a very bright future as a cut flower.

NOTES ON THE PEONY.

[The following is a portion of an address by Robert T. Jackson, before the Boston Gardeners' and Florists' Club, May 16, 1905.]

According to Baker there are about two dozen species of peonies. He lists twenty-two species with their synonyms. Lynch lists and describes twenty-five species. Excepting P. tenuifolia and perhaps P. Wittmanniana (which is somewhat difficult to grow), most of the species are said to be not striking as garden flowers, and are of interest principally to the collector. They might of course be of value in hybridizing, to break the blood of cultivated forms.

The earliest peony to bloom is P. tenuifolia, both the single and double forms, which appear in May. The flowers, though small, are of brilliant coloring, and well worth growing. Next in succession comes P. officinalis var. rubra, the old-fashioned double red peony of our grandmother's garden. Its superb color, freedom of bloom and large size when well grown render it one of the best of peonies and indispensable. P. officinalis var. rosea, a fine nearly cherry red variety of much merit, and var. alba, which is a delicate pink on opening, changing to white before fading, are important additions, both as being good peonies, and as coming early and therefore extending the season of bloom. Other varieties of officinalis are listed in foreign catalogues, but I have not seen them.

Tree peonies, or P. moutan varieties, come with the officinalis and extend over to the season of the Chinese peonies. Peonia moutan, according to authorities, is not known in the wild state, being known only in cultivation, first in China and Japan, where it has been grown for a very long period. Prof. Charles S. Sargent writes me that he does not know of it in the wild state, but believes that it will sooner or later turn up. It is a somewhat remarkable fact that a large growing shrubby species, and the only shrubby species of the genus, should be known only as a cultivated plant. Tree peonies are not as easy to grow as herbaceous peonies, are less hardy and more difficult to propagate, also it is not as easy to get really choice varieties. As far as known, all the tree peonies in the market are grafted on moutan, albiflora or officinalis stock. August Dessert claims that they do best grown on moutan stock, although it is difficult to get roots of this stock large enough. He says that they use Sinensis (a variety of albiflora) stock and cut scions with two or more eyes and so disposed that at least one eye is beneath the surface of the ground; this eye greatly encourages the formation of roots in the graft.

Kelway gives interesting notes on raising moutan seedlings and in regard to grafting says: "First procure a sufficient quantity of tubers of P. Sinensis; cut these into lengths of about six inches; then take grafts from the sorts you wish to increase and insert these into the upper end of the tuber in the ordinary way of cleft-grafting, tie securely and cover the junction with grafting wax so as to exclude the air. These should now be potted into 5-inch pots, using a rich compost; the pots should be plunged into frames unheated; give a good watering, and cover the frames with a thin mat to partially exclude light. In the winter they should have an extra mat to protect them from severe frost. The best time to perform this operation is August and September." Tree peonies do well on officinalis stock, as I know from experience. The Japanese, I believe, graft on moutan stock alone; but one difficulty with that is that shoots from the stock can not be distinguished from shoots from the scion until blooming, whereas shoots from albiflora or officinalis stock are detected at once. Layering as suggested by some writers, though slow, would doubtless yield most satisfactory plants.

The Chinese peonies of the Peonia albiflora stock come next in season of bloom. The varieties as known appear to be the results of variation of the stock, hybridization, or the crossing with other species, having entered in very little if at all, as far as one can judge from the character of the foliage. They are in bloom about the first of June for the earlier varieties and extend into July for the last blooms of the later varieties. The single varieties are usually among the earliest to bloom, but some double varieties are nearly as early. In the past two years, the early Richardson seedling, George B. Sowerby, has been in full bloom on June 4. The latest of the choice seedlings raised by Mr. Richardson, named Milton Hill, last year had secondary blooms still left in July. We may therefore by selection, starting with P. tenuifolia, get about six weeks or a little more of flowering season for peonies. It would be desirable for dealers in peonies in their catalogues to give more explicit statements of season of bloom, especially the earliest and latest varieties, as an aid to purchasers.

In considering the qualities of a peony, color and form are of the first importance. Freedom of bloom is also an important feature, for some varieties, while of good form and color, are such shy bloomers that they are not desirable for the general cultivator with few varieties. Extra freedom of bloom, on the other hand, is a feature especially desirable. One other point of much importance is strength of stem. Many fine peonies have such weak stems that they flop over hopelessly from their own weight. Others stand erect, thereby developing their flowers much better and showing off to infinitely greater advantage in the garden. Lasting quality both on the plant and as cut flowers, is a feature of importance, especially to the dealer in cut blooms.

Seedlings of P. albiflora varieties require four to six years to bloom. The seed should be planted as soon as ripe in rich mellow soil; if protected by frames so much the better. They are best left without disturbance until blooming, but if planted too thickly, will have to be transplanted. Very double flowers rarely set seed, yet an occasional capsule will develop on an otherwise sterile plant. Harrison says that "seedlings will often bloom single for years and then turn double." I have never seen such a case. Doubtless seedlings may improve in size and quality with age, but as far as my experience has gone, the first bloom, if strong, is a very close indication of what may be expected as the permanent character of a seedling.

It would be highly desirable for peony dealers to insert in their catalogues after the names of varieties the name of the originator. It is only fair credit, and adds much to the interest in these and other plants to know something of their history, who raised them and when. This is done somewhat, but rarely systematically as it should be. Messrs. W. A. Peterson, of Chicago, and C. W. Ward, of the Cottage Gardens, Long Island, in their catalogues for 1904, note the originators of peonies very fully, also the Lemoines of Nancy, France, do the same, though not as fully; on the other hand, the Kelways, of Langport, England, list their own seedlings, but ignore the names of other growers.



John F. Cowell.

JOHN F. COWELL.

John F. Cowell is a Buffalonian, but Boston claims him as her own, for he was born in one of the suburbs of that city and spent his early life in landscape gardening in that vicinity. So early as at the age of 18 years he undertook landscape operations of considerable magnitude on his own account and it was in his early life that he became familiar with all the practices of horticulture, gaining a particularly thorough knowledge of hard-wooded plants. At a little later date he became a teacher of botany and, after spending some years in travel, he located at Buffalo. At first he was engaged in railroad construction, in the engineering department, but he spent ten years in the schools of Buffalo as an instructor. In 1894 he entered the employ of the park department, taking charge of South park when it was little more than a barren tract. His genius for landscaping was quickly apparent, for he worked a veritable transformation scene and made the park Buffalo's pride. Nowhere are there better outdoor plantings than those created here by Prof. Cowell. The glass is not of large extent, but shelters one of the finest collections of plants in the country, a large number of the subjects being those collected by Prof. Cowell on his numerous trips of exploration, for he is an indefatigable traveler and has searched many climes in search of botanical novelties.

Prof. Cowell's personal traits have endeared him to all with whom he has come in contact. He is an active member of the S. A. F., having been at one time a member of its executive committee. He also is a member of a large number of scientific bodies and has contributed in numerous instances to botanical literature.

SOCIETY OF AMERICAN FLORISTS.

Rates to Washington.

The New England Passenger Association has authorized a rate of one and one-third fare on the certificate plan, in co-operation with rates announced by the Trunk Line Association, for persons attending the S. A. F. convention at Washington, D. C., August 15 to 18, 1905.

Wm. J. Stewart, Sec'y.



A Corner of the Orchid Display at Garfield Park, Chicago.

TRITOMA PFITZERII.

Few plants have been in wider demand this spring than Tritoma Pfitzerii. Every order for hardy perennials, whether for planting or for commercial cut flowers or for the ornamentation of the home grounds, has called for a few plants of this and some of the largest dealers are pretty well cleaned out of stock. At a meeting of the Florists' Club of Philadelphia Herbert Greensmith spoke as follows of this plant:

"Tritoma Pfitzeri is perhaps getting old now, but it is still being offered as a novelty, and so it deserves to be. It was first introduced in Germany by the man whose name it bears, I believe in 1894. Later on the whole stock was bought and brought here and found to be nearly identical with one purchased from a florist under the name of 'Everblooming,' and this name having priority and being a little more catchy was retained by its purchaser, but under the name Pfitzerii, by which it has scored its greatest popularity, it was and is still sent out in Europe and by Henry A. Dreer. It is needless to say its popularity is unbounded, and there is no wonder at it when we consider the many uses to which it may be put and the ease with which it is grown and its ready adaptability to most all soils and conditions. John Lewis Childs says:

'It is the grandest bedding plant ever introduced, surpassing the finest cannas for attractiveness and brilliancy, equal to the gladiolus as a cut flower, and blooms incessantly from June until December, regardless of frost. Plants are perfectly hardy in the open ground all winter south of Philadelphia; further north they must be protected or wintered in a cellar, like the ordinary tritoma. Just bury the roots in sand; nothing more is required. It should be planted out very early in spring, and will commence growth and bloom at once, growing larger and finer every day. Plants show from six to twenty grand flower stalks all the time, each holding, at a height of three to four feet, a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. Fall frosts do not kill it or stop its blooming, and it is as brilliant as ever long after all other garden flowers have been killed. For cutting it is unsurpassed and the beautiful long spikes keep several weeks in water. Without a single exception, it is the most desirable garden flower. It has created a sensation in the New York cut flower market.'

"Of course this is a catalogue description and must be taken with a grain of salt, but still it seems almost difficult to overestimate the beauty and utility of this grand plant.

"Tritomas generally are coming to the front. In 1899 about thirty-seven varieties were offered by one Holland firm, and these have quite a wide range of color, through various shades of yellow and red and even to white. Here again is another family now so large and so varied as to give us flowers from June until late fall. T. Tuckii is the earliest to flower with us, being rather a curiously pretty plant when in flower. The color of the flower is yellow, tinged with red. It is not a constant bloomer, but in foliage it is quite decorative. Otto Mann comes closely after this, with bold, striking foliage and large, stout flowering scapes bearing a huge mass of handsome scarlet and yellow flowers, and right in line with these comes the everblooming section, as they are now becoming to be known. Corollina, with its small, grassy foliage and persistent, bright coral-red flowers, is quite as free a bloomer as Pfitzerii. R. C. Affourtit is another claimant to these honors, and in my estimation it is a much improved Pfitzerii. But perhaps the most remarkable one of all is Tritoma Triumph. As its name implies, it is a most stately and remarkable looking plant. It is a very vigorous grower, making leaves over three feet in length and throwing up a branching flower scape four or five feet high, with a head of rich orange or golden-yellow flowers twelve to fifteen inches long. It also throws out two smaller heads on the scape, a characteristic which I have not seen in any other variety. Numerous other varieties have been tried and all are very different from the real, old-fashioned variety, T. Uvaria. It is necessary to store all or most all in cold storage during the winter months; we generally lay ours in a cellar with a sandy bottom."

REPOTTING DWARF TREES.

The Hinode Florist Co. gives the following directions for repotting the dwarfed Japanese evergreens, rapidly becoming popular jardiniere plants in this country:

"This is done by us once in two or three years, as follows: Lift the plant out of the jardiniere, and with a sharp-pointed stick remove about one-third of the old soil around the edges and bottom, cutting away a portion of the old fine roots, but none of the strong roots, then replace the plant in the same jardiniere, first looking to the drainage. For a small shallow jardiniere we use a flat piece of tin or a flat crock over each hole; over this spread some rich fresh soil, neatly balance the plant and fill up with the same rich, fresh soil to within one-half inch of the rim. This holds the water and prevents the manure being washed over the sides of the jardiniere. Also the soil should be made sufficiently tight round the edges of the jardiniere to prevent the escape of water, it being of the first importance that the entire ball of soil around the plant be moistened at each watering. Should the watering of the plant at any time have been neglected and the soil become quite dry, put the jardiniere in a tub of water for ten or fifteen minutes,

not longer, and if the injury is not too serious the plant will recover. In the case of large plants we use hollow crocks for drainage, the same as those used by growers of specimen plants. After several repottings, the plant having increased in size, shift into a larger pot; but as dwarfness is the thing aimed at, the smaller the shift the better. Repotting should be done in February or March, just before spring growth commences.

"We advise, when it is possible, to get the above work done by a good gardener who has been accustomed to the handling of heaths, new Holland plants, etc. In the case of very shallow jardinieres we find it desirable annually to replace a portion of the old soil, to maintain a healthy growth."

NASTURTIUMS.

The nasturtiums are not subjects that appeal very strongly to the horticultural writer, for they are so easily grown that it is extremely difficult to say anything about them, except to point to the finest of the varieties in the respective shades of color. To write a lengthy article about them it would be necessary to have one's imaginative faculty very highly developed; but, happily, a long article is not necessary or desirable, and I shall say what I consider necessary in the briefest manner. As so well known, there are two distinct types, both of which have their use. One comprises varieties of dwarf growth, and forming, when they have space for their full development, compact bushes, ranging from ten to twelve inches in height, and producing a profusion of flowers. Indeed, well grown examples will, during the height of the season, be simply masses of crimson, scarlet, and yellow, according to the color of their flowers. The others are of scandent habit, rising from six to eight feet high, and blooming freely, if not so profusely as the dwarf race, throughout the season. Taking their different habits into consideration, it will be readily understood that the dwarf varieties are the best adapted for the production of brilliant masses of color in beds and borders, and that the tall-growing varieties are admirably suited for training over rustic fences, and old shrubs that have become thin and "bony." These latter may also be employed with good effect in breaking up the flatness of beds and borders filled with tender or hardy plants. When so used they should be grown three or four together, and have their growth supported.

They should be started in boxes or pots and planted out at the end of May, and a sunny position and poor soil should be assigned them. They are especially useful for light sandy or chalky soils, as on these they bloom freely and continuously, and produce a moderate amount of leafage. On soils that are heavy or rich they produce an excess of leafage, and are far from effective. Much the same results are obtained when they are given a position that is more or less shaded. It is a good rule to allow a distance of six or seven inches each way for the dwarf varieties, and to put the plants of the tall varieties about six inches apart.

There is an abundance of excellent varieties from which to select, and I would suggest the following as the most desirable where a few only of the most distinct colors are required: Crystal Palace Gem, pale yellow, with a maroon blotch on each petal; Empress of India, crimson-scarlet, with dark foliage; King Theodore, deep maroon-crimson flowers, and bronzy-green leaves; Pearl, creamy-white; Ruby King, rose-carmine, with deep green leaves; Vesuvius, a distinct novelty, with apricot-colored flowers and dark foliage. The most useful colors afforded by the tall varieties are crimson, pearl white, scarlet, spotted, and yellow.—Gardeners' Magazine.

CARNATIONS IN ENGLAND.

A writer in an English trade paper says that "It will be a little difficult to decide which of the four varieties of scarlet carnations that have recently received awards of merit from the Royal Horticultural Society, is the best. Two of these are from America, these being Adonis, which was so well shown by Bell & Sheldon, of Guernsey, last year; this was certainly one of the most vivid in color; and Flamingo, which has been shown by several exhibitors, and is also seen in the market, a large full flower with an irregular edge to petals. The flowers from main stems are a little inclined to burst the calyx; otherwise it is all that could be desired. General Kuroki, which comes from Cutbush & Sons, is of the same habit as the American varieties. The flowers have a deep calyx, broad petals, vivid in color and stand up well on long, stiff stems. Elizabeth, which received an award last week, comes from a private source. It was raised by G. Henley, gardener at Wrentham Hall, Thetford. It is a seedling from America, which is still a favorite, though one of the older of the American varieties. In Elizabeth, the flowers have large, broad petals, a deep calyx and are of a bright shade."

SAXIFRAGA SALOMONI.

The saxifrages or rockfoils, plentiful as they are, can hardly be too numerous among other alpine flowers, and we can appreciate to the full those which come early in the spring. In such as S. Burseriana, its form major, and S. apiculata we have some of our earliest flowers. Now we have to follow them the pretty Saxifraga Salomoni, another white rockfoil, and one worthy to take rank with S. Burseriana itself. It makes a pleasing little flat mound of small green foliage, all spangled over with good white flowers on little stalks, which only rise a little above the foliage itself. For the rockery, which is not starved by absolute dryness, it is a gem indeed, and it seems to thrive more freely when it has only sun for a portion of the day, and where its roots are not allowed to become dry, from March until June. At other times there is generally enough of natural moisture in the soil for its happiness and prosperity. Probably this is a natural hybrid, but I have no record of its parentage. It was, however, introduced from the continent. As a garden plant it is longer lived than S. Burseriana, and requires little attention if in free, gritty soil.—Gardeners' Magazine.

CRASSULA COCCINEA HYBRIDA.

The introduction of a new flowering plant suitable for the florists' holidays is always an event and the rejuvenation of an old subject is of scarcely less importance. Crassula coccinea is an old-time plant which is just now again finding its way into general use. It was described by Haworth and by De Candolle in the early part of the last century. Linnæus described it fifty years earlier. The latter sets it under the genus crassula, but De Candolle classified it as a rochea, and Bailey, in the most modern work on botany, puts it under the same heading. This, however, is of minor importance to the trade grower. He is principally interested in the success which Louis Dupuy, of Whitestone, made of the pink form of the species in the Easter season of 1905. Mr. Dupuy, being familiar with the large use made of Crassula coccinea hybrida in European countries and particularly at Covent Garden market in London, imported a few plants a number of years ago and has now worked up a large stock. There are small stocks in other localities, but it is to Mr. Dupuy that the present popularity of the plant is due. The specimen illustrated in this issue of the Review, is from a plant flowered and photographed at Lincoln park, Chicago.

Crassula coccinea hybrida is of rather slow growth but is tolerant of unfavorable conditions. It nevertheless repays



On the Banks of the Eel River in Indiana.
(Flood at Harry White's, North Manchester, last week.)

an abundance of light and sun heat, with plenty of atmospheric moisture until the new growths are freely produced. The London Garden says that it should have a night temperature of 50 degrees with a day temperature of 75 to 80 degrees in bright sunshine. It may be grown outdoors in a sheltered position in the summer to thoroughly ripen the wood, which is necessary to insure satisfactory flowering. Careful watering is necessary in order to keep the foliage dry. In potting it should have a light soil and plenty of drainage.

BOSTON.

The Market.

A perceptible lessening in receipts of cut flowers has taken place the past few days, partly owing no doubt to the cool weather, but more probably to the customary holding back for Memorial day. Prices remain about the same all around, but some advance is likely later in the week. As florists usually have a big demand for flowers at home there is not likely to be any glut in the market for the great holiday, in fact some growers will use their entire cut at home and have to buy in addition. The general opinion sems to be that first-class trade will rule on May 27 and 29, colored flowers, as usual, being in strongest demand. The quality of roses and carnations still remains remarkably good.

Florists' Club Meeting.

As briefly referred to last week, the club meeting on May 16 was a highly successful one, sixty members being present. J. W. Duncan was secretary pro tem in the absence of the regular secretary. Dr. R. T. Jackson's talk on peonies was very interesting. He brought with him labels and frames for supporting peonies. The former were zinc on which is used American Indian ink and the stakes of galvanized iron and two feet long. By means of blackboard illustrations he showed how nurserymen should plant and amateurs number or name their plants. He recommended a card catalogue as the best.

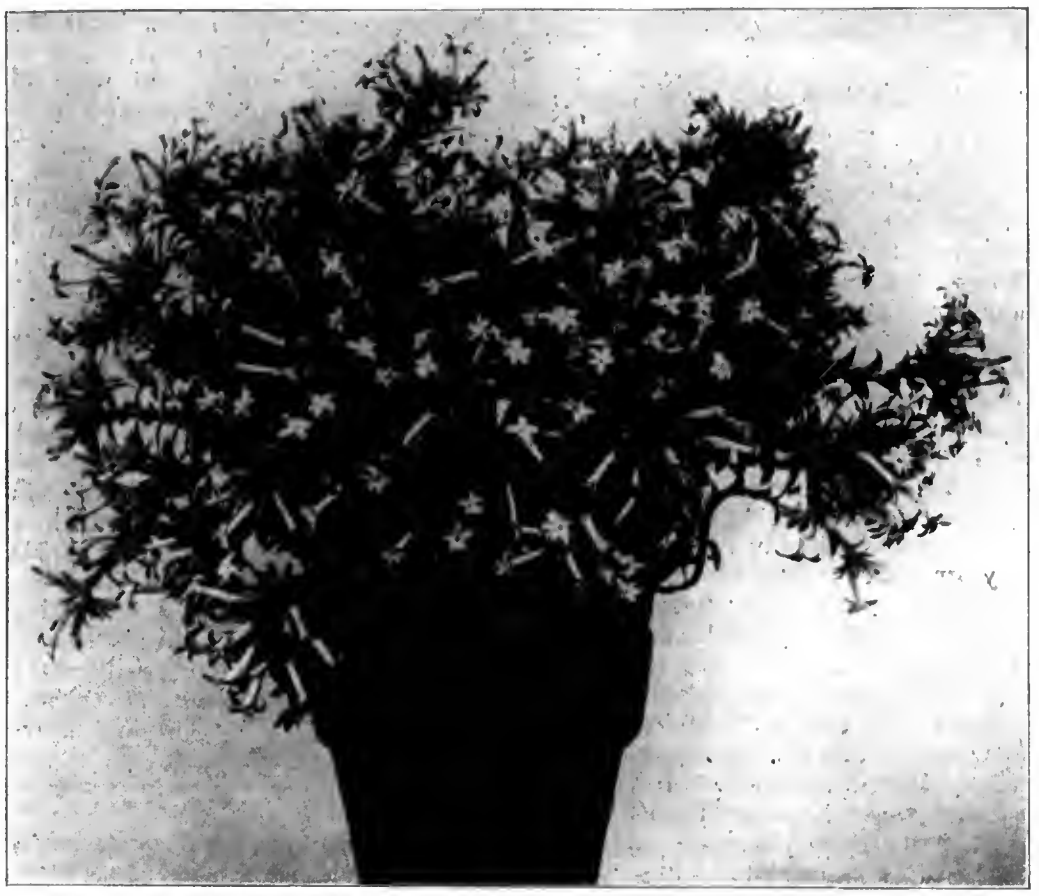
Replying to queries from Messrs. Rich and Cameron in regard to ants and diseases the lecturer was unable to suggest any remedies. To insure keeping qualities not a moment should be lost in getting the stems into water.

Replying to Mr. Finlayson, the lecturer said he considered Peony Samuel Henshaw the finest of all the Richardson seedlings. This variety secured a silver medal in Boston last June. The best late sort is Milton Hill, the earliest Charles H. Minot, and the largest grandiflora. Dr. Jackson cordially invited all interested members to inspect his peony garden at the right season.

Eight new members were elected during the evening. William Sim, of Cliftondale, invited the club to visit his establishment about the end of June. This was referred to the executive committee.

A discussion over the prospective picnic took place. It will probably be held about the middle of July and members are counseled not to start for it on automobiles.

There were several interesting exhibits. Louis Dupuy had the pink Crassula hybrida. Julius Heurlin had trollius in several varieties, including a new



Crassula Coccinea Hybrida.

form of his own named T. Asiaticus excelsior, also Caltha palustris florepleno and Arnebia echioides. H. A. Stevens Co. had fine Harry Fenn carnations, William Sim splendidly grown candytuft and William J. Downs excellent Marshall strawberries, grown in pots under glass.

At the June meeting of the club, when M. H. Walsh will speak on roses, there will be some very special attractions in addition to the lecture. We expect an attendance of 100 at this meeting.

Various Notes.

We have enjoyed a week of unusually cool weather, with some much needed moisture. Flakes of snow fell in Boston on May 18 and the temperature fell near the freezing point on the morning of May 21, winter's last kick we trust. With a continuance of this weather a fair quantity of outdoor flowers will be available for Memorial day. It will be too early for any peonies except P. officinalis, but German iris, oriental poppies, lilacs, Narcissus poeticus in shaded locations, lily of the valley, etc., should be available for the cheaper bouquets. There promises to be a plentiful supply of spiræa, candytuft, feverfew, stocks, antirrhinum and other promiscuous greenhouse flowers, while carnations, roses, sweet peas, etc., will be in heavy supply, but will undoubtedly clear out easily.

A very instructive spraying demonstration to show the best methods of fighting the brown tail and gypsy moths was given on a piece of woodland near Wyoming station, on the Boston & Maine R. R. on May 22. The demonstration, starting at 10 o'clock, lasted throughout the day and was witnessed by many prominent horticulturists and agriculturists.

William Sim, as usual, will have a magnificent lot of candytuft in for Memorial day. It is always sold out in advance, as all first-class stock is.

E. N. Peirce & Sons, out at Waltham, have some thousands of spiræas just right for Memorial day. Their carnations still look fine and Asparagus Sprengeri, of which they are the largest growers for the Boston market, was never better.

J. T. Butterworth, of South Framingham, is cutting some extra fine Cattleyas Mendelli, Mossiæ, and Skinneri at present. His orchids are doing well.

We continue to get word of heavy damage to trees and shrubs from the late winter. Fred C. Green, superintendent on Senator Aldrich's extensive estate, at Warwick Neck, R. I., writes that practically all trees and shrubs moved last fall and in exposed places have suffered severely. Large Norway spruces and Scotch and Austrian pines are partly killed in some places and in others scorched brown. Sciadopitys came through all right, while many Retinospora obtusa nana and flifera of several years' standing were partly or wholly destroyed, also common American arborvitæ. Of oaks moved last fall fifty per cent are dead, something unprecedented with him, and stories of similar disaster come to us from other sources.

Quite a few seasonable orchids are now appearing in the high class stores. Cattleya Mossiæ is most abundant. Smaller quantities of C. Mendelli and Skinneri are seen, also a few miltonias.

At Prof. C. S. Sargent's, in Brookline, Charles Sander has his usual beautiful display of azaleas, standard wistarias and rhynchospermums at present. The lilacs, pyrus and other flowering shrubs are also very attractive on this fine estate.

Carnation growers report that cut worms are doing a good deal of damage to young stock in the fields. Violets, phlox, delphiniums, etc., have also suffered.

The Arnold Arboretum is at present the Mecca for flower lovers in this section. The collection of lilacs in about 150 varieties is flowering even better than last year. W. N. CRAIG.

THE REVIEW will send the Pronouncing Dictionary on receipt of 25c.

CHICAGO.

The Market.

Toward the close of last week the accumulation of stock was moved out, Friday and Saturday being exceptionally good days, the former with shipping business and the latter with city trade, which has been unprecedentedly dull ever since the teamsters' strike took effect.

This week the receipts of long Beauties are excessively heavy as a new crop is on with many growers. Brides and Maids are undergoing the annual spring change in character and receipts are not so heavy as they have been. There are very large supplies of Chatenay of superb quality and Liberty is more abundant in all grades. The receipts of carnations were somewhat lighter until Tuesday when the market became again over-burdened. There are abundant supplies of sweet peas of fine quality. Outdoor valley has taken the place of the greenhouse product to a large extent. The glut of callas and Harrisii has passed and these flowers promise to be better property from this time on. There are large supplies of daisies and still a few tulips.

The southern shipments of peonies have come to an end and it is reported that local crops will hardly be at hand for Decoration day, so that the supplies for this occasion will come from cold storage. There is at least one large lot in the freezer. Kennicott Bros. Co. says that 75 cents a dozen will be the price, except on some special sorts, as they find that peonies do not move freely enough to suit the present condition if the price goes up above the 75-cent limit.

Cape jasmines of good quality are coming in from A. H. Brandt, of Alvin, Texas, and other shippers of that locality in spite of the assertion made by one packer that Texas jasmine would not come to Chicago this year. Jasmines have ceased to be the factor they once were. Abundant supplies are assured.

The Strike Situation.

For several days there have been indications that the teamsters' strike might be called off at any moment, but it makes little difference to the wholesale florists, except for the effect on general business, whether it is ended or not. There is no trouble with outgoing shipments; in fact, the express companies have offered to resume pick-ups with police guard at any time they may be desired. They are now making regular deliveries with policemen on the wagons but without a sign of disturbance.

Decoration Day.

The indications are that the Decoration day business will be heavier than ever. Many advance orders have been booked and shipping will be heavy from Friday until Monday night. The growers have wisely refrained from pickling and stock should be good. There will be no unusual supplies and both carnations and peonies are likely to be in demand before the shipping business is well out of the way.

Various Notes.

Ernst Weber is sending E. C. Amling a new crop of Beauties of extra quality. Mr. Amling says that he is looking for a very large business at the close of this week, Decoration day shipping beginning on Friday and continuing until Monday. He is of the opinion that there will be no surplus of stock, even with big receipts, as the early demand is exceptionally strong.

D. J. Murphy, who went east to be married a couple of weeks ago, is expected back in Chicago within a few days. He has several good offers from the growers here, but would like to go into business for himself.

J. W. Niesen, who recently bought the Holden store at 753 E. Forty-seventh street, reports business as good as he could expect. Mr. Holden started May 10 to spend the summer in the west.

Dredgers found the body of Otto Kroeschell in the north branch of the Chicago river on the evening of May 17. It had evidently been in the water for a number of days. The indications are that Mr. Kroeschell either fell or jumped into the river while mentally deranged. He was the secretary and treasurer of the Kroeschell Bros. Co. and the second member the firm has lost in less than a year.

One of the week's visitors is R. E. Kennicott, of Carbondale, who usually comes in with his last shipment of peonies.

The daily papers had a story one day last week about an attempted kidnapping of one of Henry Wittbold's daughters at Edgebrook. There was nothing in it.

Bassett & Washburn are again shipping a considerable part of their stock from the city store.

The prospect of a spread of the strike to include the teamsters for the lumber concerns has led the wholesalers to stock up heavily on wooden shipping boxes.

The E. F. Winterson Co. reports a very good sale of bridal wreath spiræa, which has begun to come in this week.

Poehlmann Bros. Co. is having one of the heaviest cuts in its history. They are particularly strong on roses.

George Reinberg is beginning on another big cut of long Beauties.

Chas. Klehm says that there will be few peonies at Klehm's Nurseries before Decoration day, but a big cut immediately thereafter. Quality will be especially good this year.

At E. H. Hunt's they are sending out a great many Decoration day supplies. The express companies are now making pick-ups whenever requested and shipments go without interruptions.

Vaughan & Sperry are receiving some exceptionally good red carnations.

The A. L. Randall Co. reports large bookings of Decoration day orders, most of them for shipment on Sunday.

Albert Amling reports another grower at Maywood. Wm. Collatz is building two houses 15x200 and nine feet to the iron gutter. He will grow carnations, sweet peas and chrysanthemums. Mr. Collatz has been foreman for Mr. Amling for the past eight years and is the fourth man to graduate into business for himself from that training school for good gardeners. They are all located within a stone's throw of Mr. Amling's place.

John Porte, who has for three years had charge of the Illinois Central's greenhouses at Champaign, has returned to his old position at the south parks.

Charles Heim, formerly of Heim Bros., but now in partnership with A. Jillson as the Blue Island Floral Co., reports a good season. The greenhouses are on Western avenue near One hundred and thirty-ninth street.

Carl Muno, who has been growing vegetables on Tuohy avenue, in Rogers Park, will put his six houses in carnations this fall. He is a brother-in-law of John Muno, who has had a very satisfactory season.

J. A. Budlong has been doing a big business all season and finds trade holding up well now. Phil Shoup, manager of the store, is well pleased with the quality of stock he is receiving and is looking forward to a big record for Memorial day.

Our business could run about as well without a boiler as without

THE WEEKLY FLORISTS' REVIEW

In regard to advertising, during the past season we have received orders for carnation cuttings from as far east as New York, west to Denver and south to Texas, and the buyers said "Saw your adv. in the Review." It seems to us the Review covers the ground pretty thoroughly.

W. C. HILL FLORAL CO.
Per F. R. Thornton.
Streator, Ill.
May 22, 1905.

Bowling.

Following are the scores made by the bowlers May 16:

Player.	1st	2d	3d	4th
J. Lambros	178	191	185	114
Stevens	157	213	209	199
P. J. Hauswirth	160	162	183	139
Bergman	130	126	195	166
E. F. Winterson	132	164	129	145
Henry Klunder	122	121	112	92
J. P. Degnan	138	192	147	124
George Asmus	143	150	170	198
Chas. Balluff	159	133	149	156
Geo. Scott	140	148	158	170
Pasternik	146	109	101	130
V. Kreitling	149	154	167	130

At the same time the ladies made following scores:

Mesdames—	1st	2d	3d
E. F. Winterson	103	77	90
Geo. Scott	89	101	74
Geo. Asmus	115	79	111
P. J. Hauswirth	99	83	79
W. Kreitling	96	108	110

The following are the scores made by the bowlers May 23:

Player.	1st	2d	3d	4th
Asmus	126	178	176	154
Stevens	198	165	179	181
Winterson	124	131	122	128
Kreitling	173	163	168	146
Bergman	173	170	146	154
Klunder	122	149	125	161
Pasternik	125	128	135	193
Hauswirth	163	185	175	161
Balluff	150	157	143	137
Degnan	171	158	133	159
Scott	147	127	164	134

At the same time the ladies made the following scores:

Mrs. Asmus	106	74	121
Mrs. Winterson	115	75	78
Mrs. Scott	102	75	77
V. Kreitling	114	101	119
Mrs. Hauswirth	100	105	99
Mrs. F. Stollery	..	66	70
Miss Moore	..	54	77

Don't stop the Review; we would not want to get along without it.—S. W. Marshall & Son, Fresno, Cal.

SEND AMLING

YOUR

"RUSH" Orders

The demand for Decoration Day has increased amazingly in recent years and you will want more stock than ever this season. We can supply you if the stock you want is to be had in Chicago. Good stock, the kind that travels well. **We will be OPEN ALL DAY SUNDAY, MAY 28, for your convenience.**

PRICE LIST FOR

Decoration Day

BEAUTIES.	Per doz.
Stems, 24 to 36 inches	$3.00 to $4.00
Stems, 20 inches	2.00
Stems, 15 inches	1.50
Stems, 12 inches	1 00
Short stems	50c to 75c

ROSES.	Per 100
Brides and Maids	$4.00 to $6.00
Liberties	4.00 to 10.00
Chatenay	4.00 to 8.00
Golden Gates	4.00 to 6.00
Kaiserins	4.00 to 8.00
Roses, our selection	3.00

CARNATIONS.	Per 100
Select, all colors	$2.00 to $3.00
Large and Fancies	3.00 to 4.00

MISCELLANEOUS.	
PEONIES, per 100	$6.00 to $8.00
Cape Jasmines	1.50 to 2.00
Callas, per doz	1.25
Harrisii, per doz., $1.50; 100,	10.00
Sweet Peas, per 100	.75 to 1.50
Forget-Me-Nots, per 100	1.00
Valley, per 100	2.00 to 4.00
Marguerites, per 100	.75
Mignonette, per doz	.35 to .75
Shasta Daisies, per 100	1.50 to 2.00

DECORATIVE.	
Asparagus, per string	$0.25 to $0.50
Sprengeri, per 100	2.00 to 5.00
Galax, per 100, $0.20; 1000,	1.25
FERNS, per 100, 35c; 1000,	3.00
Adiantum, per 100	1.00
Smilax, per doz	1.50

SUBJECT TO CHANGE WITHOUT NOTICE.

Store open from 7 a. m. to 6 p. m. daily.

AMERICAN BEAUTIES—JUST IN WITH A BIG CROP, MOSTLY LONG STEM, AND QUALITY THE BEST IN THE MARKET.

TEA ROSES—Our growers are sending in heavy cuts. Stock in every way equal to the best now in market. Brides fine; Maids of good color.

PEONIES—The favorite flower for Decoration Day. Big show for little money. We shall have large supplies. White, pink, red; best sorts.

CARNATIONS—All the leading varieties in large supply. Quality first-class; as good as we ever had so late in the season.

SWEET PEAS — We have a big crop of fancy quality in many colors. Long stems.

GREEN GOODS—This is one of our specialties. Practically inexhaustible supplies of Asparagus; long, heavy strings. Smilax and Sprengeri. Plenty of good Adiantum. Let us have your order.

FERNS—We still have a small quantity of the true Berkshire stock in cold storage and coming out in good shape. 1000, $3.00; 100, 35c.

We can at all times supply everything which is to be had in Chicago. It is our aim to make our place at all times your most satisfactory source of supply. Write, telegraph or telephone.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 RANDOLPH ST. Long Distance Phones Central 1978 and 1977. **CHICAGO, ILL.**

HEATING.

I have a greenhouse 25x100 feet, four feet of wall on one side and eight feet on the other, it being a lean-to and protected from the wind. The average temperature will be 50 degrees in the climate of western Pennsylvania. Which will be the cheapest way to heat, with hot water or steam? How many feet and what size of pipe would it take for each method? What size of boiler will be needed? Shall use soft coal, slack or gas. Can you tell me how many feet of gas it would take to maintain for twenty-four hours a temperature of 45 degrees when it is zero outdoors?

W. R. D.

To heat your house with hot water to 50 degrees it will require 610 square feet of radiation. To heat the same house to 50 degrees with steam under five pounds pressure requires 475 square feet of radiation.

To supply 610 square feet of radiation in 4-inch pipe it will require 518 lineal feet of pipe. To supply the same area of radiation in 2-inch pipe it will require 976 lineal feet of pipe. These are satisfactory sizes for hot water heating.

For steam under five pounds pressure the house can be heated with 475 square feet of radiation, for which 1¼-inch pipe can be used, which would require a 2-inch riser the length of the house and 725 lineal feet of 1¼-inch pipe to supply the radiation needed.

The boiler should in either case have a heating capacity for about 1,000 feet of radiation. A steam or return tubular boiler with 125 square feet of heating surface should be ample, either for steam or hot water.

It is impossible for me to give you an estimate on the gas consumption of such a plant in a run of twenty-four hours, but it may be of some assistance to you to know that 30,000 feet of gas are considered the equivalent of one ton of the best coal. With gas at 15 cents per thousand cubic feet, it is equal to coal at $4.50 per ton.

In regard to the economy of steam and hot water, I can only say that steam is less expensive to install and on a large system is cheaper to operate. On a small plant, one to three or four houses, hot water is undoubtedly most economical to operate. L. C. C.

PHILADELPHIA.

The Market.

Business conditions have not materially changed since last report. The quantity of cut flowers disposed of last Saturday was greater even than at Easter, suprising as that may seem. The prices were very low, the average returns being close to the lowest quotation on ordinary grades. The feature of the market is the advent in quantity of outdoor sweet peas, many of the indoor being so bleached as to be unsalable. The buyers were quick to appreciate the high quality of these outdoor peas and they sell readily. Peonies are becoming more plentiful, especially the reds. By next week they are likely to be in midseason. Carnations are generally good for this season, though less plentiful. Colored varieties have been in fair demand, but it has been difficult to dispose of white at any price. Beauties are sold in immense quantities, the price for good flowers of the better grades holding fairly well, but this cannot be said of teas, for which the demand is limited. Greens continue to sell well. Bulbous flowers are over.

For June Weddings—
and School Commencements
May we send you our latest ideas in FANCY BASKETS,
appropriate for these festive occasions?
When decorating church parlor and classroom you may need our
IMPROVED PLEATED CREPE PAPER,
PORTO RICAN MATS,
ELASTIC FIBRE RIBBON,
PLANT STANDS, etc.
H. Bayersdorfer & Co.
The Florists' Supply House of America
50-56 NORTH 4th ST. PHILADELPHIA
Mention The Review when you write.

Another New Rose.

W. N. Leonard, of Lansdowne, has sent Samuel S. Pennock some blooms of a new rose, said to be a cross between Kaiserin Augusta Victoria and Mme. Abel Chatenay. The flowers are of medium size and good substance, color a deep, almost rose, pink in the center shaded to soft pink on the outer petals, stems strong, of fair length and thorny, clothed with good foliage. Mr. Leonard believes that this rose will make a good summer bloomer, fully equal to Kaiserin. It should prove a welcome contrast to this popular favorite.

Girard College.

Last Saturday was founder's day, when all the alumni and their friends annually gather within the college walls. It is a busy time for the college workers, the forces under the able command of Edwin Lonsdale, having the decoration of the principal buildings, as well as all the preliminary planting, in readiness for that occasion, the beautifying of the sarcophagus of Stephen Girard being especially happy. One large specimen kentia overshadowed the marble statue of the founder. Behind it on the tomb was arranged a bed of Boston ferns, relieved by splendid fuchsias, many of them grown to standards. These plants have always been a favorite with Mr. Lonsdale. The varieties were the old standard sorts, those with single flowers being especially pretty. At the base of the statue was a handsome wreath tied with ribbons of the college colors, carmine and steel, sent by the alumni. In front was a bank of green relieved by a few nicely finished calceolarias.

The beds facing the main entrance were planted with pansies in solid colors, English daisies, Bellis perennis and tulips over earlier than usual this season. The pansies were Emperor William, purple; Yellow Prince, Lord Beaconsfield, purple with pale blue top; Meteor, brown, and a black-eyed white.

Among the plants used in decorating the building were four magnificent kentias, perfect specimens fully fifteen feet high, also a new calceolaria with spotted flowers, said to be an introduction of Frank Ibbotson's.

Various Notes.

I found M. Rice & Co.'s office and store fixtures removed from their present quarters to their new building, which they are fitting up very handsomely. They expect to move without interfering with the prompt shipment of orders.

John C. Gracey is tearing out the front of the Plender Co.'s store on Twenty-sixth street, near Girard avenue, with a view to improving its appearance and putting in a new show window.

Berger Bros. are receiving some fine Asparagus plumosus from Florida.

Wm. J. Muth states that the Philadelphia Cut Flower Co.'s shipping business has been excellent since Easter.

Paul Berkowitz's many friends throughout the country will find him hard at work getting out his commencement and wedding orders at 56 N. Fourth street, during his partner's absence in Europe.

Samuel Lilley, the popular distributor of Brides and Maids, favors the Review with the following anecdote: A prominent retailer asked a boy who had just brought in some flowers from one of the wholesale houses whether there were any iris at his place. "No," the boy replied, "We have three Englishmen and two Germans." "I asked you," the retailer said sternly, "whether you have any iris." "I told you," the boy reiterated, "that we have not. We have only three Englishmen and two Germans."

Mrs. John H. Clause, 1119 Roy street, has been successfully carrying on the business started by her late husband. She has a good stock of spring plants.

Charles Leisy states that his employer,

Stephen (not Stephen B.) Green, will build a 200-foot house at Magnolia, N. J., to be devoted to carnations.

Bowling.

The following matches have been played in the tournament for the bowling trophies on the Florists' Club's alleys. There are six teams of five men each. Each team will play one match of three games with every other team, fifteen games in all. Each game counts as one point. Two teams played each night as follows: May 3, 5, 8, 10, 12, 16, 17 and 19.

Player.	1st	2d	3d	T'l
Elmerman	206	177	173	556
Klft	150	134	163	447
Baker	147	173	171	491
Craig	156	166	146	468
Hanna	173	154	207	534
Connor	193	200	214	607
Dungan	140	146	144	430
Dodds	133	146	164	443
Politis	165	176	186	527
Harvey	145	145	145	435
Yates	154	145	153	452
McCauley	145	164	152	461
Molitz	148	155	116	419
Huttenlock	145	145	145	435
Holmes	134	142	168	444
Dunham	133	201	139	473
Westcott	136	187	150	473
Harris	167	137	147	451
Hoffman	124	152	155	431
Gardner	171	139	141	451
Moore	178	198	168	544
Bonsall	172	182	177	531
Falck	159	158	159	476
Habermehl	135	181	149	465
Gray	122	135	138	395
Robertson	171	144	150	465
Goebel	155	147	166	468
Gibson	161	160	158	479
Meborter	145	145	145	435
Donaghue	118	86	133	337
Dunham	199	182	174	555
Westcott	162	161	161	484
Harris	187	180	174	541
Hoffman	150	150	150	450
Gardner	140	140	140	420
Eimerman	203	174	156	533
Klft	206	168	144	518
Craig	177	126	168	471
Baker	134	141	138	413
Hanna	140	172	147	459
Moore	205	161	138	504
Bonsall	198	158	143	499
Falck	173	153	226	552
Habermehl	155	155	155	465
Gray	148	147	136	431
Yates	160	160	160	480
Holmes	160	180	160	500
Merbity	131	154	169	454
Huttenlock	145	145	145	435
McCauley	128	156	162	456
Robinson	139	178	171	488
Gibson	150	150	150	450
Goebel	155	155	155	465
Meborter	167	136	147	450
Donaghue	130	108	154	392
Connor	156	146	224	526
Politis	171	166	171	508
Dungan	150	150	150	450
Dodds	172	202	182	556
Harvey	146	112	165	423
Elmerman	170	148	170	488
Craig	165	194	160	519
Baker	110	148	122	380
Klft	101	172	184	457
Hanna	150	150	150	450
Yates	148	155	182	485
Holmes	141	181	116	438
Merbity	177	173	130	480
Huttenlock	164	149	121	434
McCauley	177	168	187	532
Dunham	178	166	137	491
Westcott	163	169	170	502
Harris	150	130	173	453
Gardner	127	159	225	511
Hoffman	150	150	150	450
Moore	141	203	131	475
Bonsall	156	133	180	469
Falck	148	154	127	429
Gray	96	179	172	447
Habermehl	163	165	124	452

PHIL.

HIAWATHA, KAN.—J. W. Margrave lays claim to being the oldest man actively engaged in the florists' trade. He is 91 years of age. He has a ground bed of roses twelve years old which is at present giving a very satisfactory cut. He has a smilax bed which has not been reset in ten years and which is giving good strings.

Poehlmann Bros. Co.

Phones, Central 3573. Auto 3573. 33-35-37 RANDOLPH ST., CHICAGO

DECORATION DAY WEEK
CHOICE CUT FLOWERS

NOTICE—Open all day Sunday, May 28.

We are Very Heavy on Roses. Fine stock. All orders will positively be filled promptly.

In Effect May 25, 1905. **PRICE LIST** Subject to change without notice.

American Beauties	Per doz.	Per 100
Extra Specials	$5.00	$40.00
Extra 36-inch	4.00	30.00
Extra 24 to 30-inch	3.00	22.00
Extra 20-inch	2.50	18.00
Extra 18-inch	2.00	15.00
Extra 16-inch	1.50	10:00
Extra 10 to 12-inch	1.25	8.00
Shorts, 2c, 4c, 6c, 8c.		

Roses	Per 100
SPECIALS—Maid, Bride, Chatenay, Uncle John, Liberty, Gate, Sunrise	$8.00
CHOICE, FIRST QUALITY—Maid, Bride, Chatenay, Uncle John, Gate, Sunrise, Liberty, Meteor	6.00
Good Medium Roses	4.00
Perle	$2 to 6.00
Roses in large lots for special sale,	$20.00 per 1000.

Harrisii	
Extra large	$10.00 per 100
Good stock	8.00 per 100

Carnations	Per 100
EXTRA FANCY — Prosperity, Enchantress, Patten, Harlowarden, Flamingo, Yellow	$5.00
FANCY—Lawson, Wolcott, Bradt, Crusader, White Cloud, Chicago, Higinbotham, etc	$3.00 to 4.00
Split Carnations	2.00
Callas	8.00 to 10.00
Tulips	3.00 to 4.00
Peonies	6.00 to 8.00
Valley, fancy	3.00 to 4.00
Daisies	1.00
Cape Jasmine	1.50 to 2.00
Adiantum	1.00
Sprengeri and Plumosus	2.00 to 3.00
Smilax	$2.00 per doz. 15.00
Ferns	$2.50 per 1000
Galax	1.25 per 1000
Leucothoe	1.00

LET US HANDLE YOUR ORDERS. Our stock is the choicest. You make no mistake when you handle our stock; it will bring you customers. Our supply is large and strictly fresh. No charge for packing and delivery.

NOTICE—On account of teamsters' strike all shipments are marked "Funeral Flowers." No delay. All shipments promptly made as the strike does not interfere with the shipments of Cut Flowers.

Mention The Review when you write.

ST. LOUIS.

The Market.

The unseasonable weather of late has caused the local florists to buy cautiously, so a great deal of stock went to waste the past week at the wholesale houses, as all four were loaded to the top with all kinds of stock in all grades. In some cases the wholesaler would say, "Your price is mine."

The retailers about town to a man report that cut flower trade is dull. Transient trade has almost entirely disappeared and about the only work that is going on is for a few small weddings, commencements and the usual funerals. Next week comes Decoration day, but it amounts to little in St. Louis, so trade is not expected to improve to any great extent. The number of weddings booked for next month should improve business.

The stock the past week was of good quality. Beauties are becoming very small and pale. Meteors, Bridesmaids, Gates and Carnots are still in good color. These, including Brides, move slowly. Carnations are in great abundance in all varieties. Enchantress, Prosperity and Lawson are still fine. There is hardly any use to say anything regarding the price on any of the above, as almost in every sale job-lot prices prevail. Peonies are selling as low as $1.50 per hundred. Harrisii and callas are becoming somewhat scarce at this writing. Valley is very plentiful. Sweet peas are more than the demand can use. Fine cape jasmines are offered at 75 cents per hundred.

On Monday the market promises to be not so heavy, with better prices and demand.

Various Notes.

E. W. Guy, of Belleville, was in town last week. He reports good trade in plants. Dr. A. S. Halstead, also of Belleville, president of the growers' club of this city, presided over the meeting of that body last Wednesday afternoon.

Max Herzog has sold his place to the Frisco R. R. to good advantage. After Max has disposed of his stock and glass he says he will take things easy for a while. Should a good opportunity present, he will re-enter the business.

John Kalisch, of Wm. Kalisch & Sons, will leave this week for a three months' trip west, spending a few weeks at Portland to see the Lewis and Clark exposition.

Fred H. Weber, on Boyle avenue, had two of his wagons smashed through carelessness of two big automobiles along Maryland avenue.

H. Loyet, who recently opened a store in King's highway, reports that he will soon open a branch on Olive street, near Broadway, somewhere between Fred Foster and Grimm & Gorley.

A prominent jewelry firm on Broadway had an order for a funeral design to give on Saturday and phoned to some twenty florists to call with photographs and make a bid for same. Ten of them came together at the same time. Such faces as were seen in that bunch will long be remembered. The value of the design was $75. We did not learn which bidder got the job.

The Henry Shaw medal, which was founded in June, 1893, by the board of

A. L. RANDALL CO.

19-21 Randolph Street — CHICAGO.

We will have a nice lot of **Medium Beauties.** These Beauties were cut back in the winter and are like new Beauties.

DECORATION DAY PRICE LIST

	Per 100
American Beauties, long	$40 00
" " 24 to 30-in	25 00
" " 15 to 20-in	15 00
" " 12 to 15-in	10 00
" " short, $4 00 to	6 00
Liberties, long, select	10 00
" good	6 00
" short	3 00
Brides, Maids, long, extra select	6 00
" " good, selected	5 00
" " medium	4 00
" " short, $2 00 to	3 00

	Per 100
Roses, shorts, our selection, per 1000	$20 00
Carnations, fancy stock	$3 00 to $4 00
" good stock	3 00
" ordinary	2 00
" 1000 lots, common, our selection, per 1000,	$17 50
Callas and Harrisii	8 00
Valley	$1 50 to 3 00
Galax, per 1000,	$1.00
Adiantum	1 00
Smilax	20 00

	Per 100
Asparagus Sprengeri	$3 00
" Plumosus, sprays	3 00
" " strings	40 00
Ferns, fancy, per 1000,	$3 00
Tulips	3 00
Sweet Peas	1 00
Cape Jasmine	2 00
Peonies	6 00
Daisies	1 00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

WILLIAM H. KUEBLER,

Wholesale Commission Dealer in Cut Flowers,

19 BOERUM PLACE. — Telephone 4591 Main. — **BROOKLYN, N. Y.**

EVERYTHING FOR **—DECORATION DAY—** | BROOKLYN HEADQUARTERS FOR **Choicest Cut Flowers**

Mention The Review when you write.

trustees of the Missouri Botanical Garden and valued at $25, will again be offered at this year's flower show and will be found among the Shaw premiums which amount to $500. The medal is offered for the best plant of decided merit for cultivation introduced to North American commerce by the exhibitor during the year in which the award is made. Numerous plants are introduced into the American trade each year which are worthy of the award of this medal. The St. Louis Florists' Club and the directors of the Missouri Botanical Garden are desirous of having a good competition for this medal. Any information regarding this award will be gladly furnished by Prof. Wm. Trelease, Missouri Botanical Garden, St. Louis, Mo.

Frank M. Ellis has moved his residence from South St. Louis to the western part of the city.

Charles Kuehn has been receiving fine shipments of high grade carnations the past week. He also had a big week in supply orders. The wire department is busy with shipping orders.

Frank Ellis is handling some of the best sweet peas that come to this market, which find a ready sale for the fancy.

George Angermueller and Henry Berning are receiving a big lot of choice roses and carnations the past week, too many for the demand.

St. Louis Palm Co., on Olive street, is making a fine and attractive show in the window.

The Busch funeral this week made some good orders for designs. Ostertag Bros. had the family order and used a lot of fancy stock.

Bowling.

The two florists' teams got at each other again on Monday night.

Team No. 1.	1st	2d	3d	4th	T'l
Beneke	159	204	155	159	677
Miller	144	146	127	154	571
F. Meinhardt	145	132	127	130	534
Ed. Gerlach	125	151	141	139	562
Totals	573	633	550	582	2344

Team No. 2.	1st	2d	3d	4th	T'l
Kuehn	170	178	149	167	664
Beyer	142	115	116	130	503
R. Meinhardt	145	177	191	147	660
H. Lohrenz	129	104	135	135	503
Totals	586	574	571	579	2330

J. J. B.

NEW YORK.

The Market.

The market is in exactly the same condition as a week ago, there being a very slight improvement as usual on Saturday. There is an abundance of everything, low prices, good quality, and a stolid, resigned, patient acceptance of the unexpected and apparently inevitable, by the wholesale trade.

It is the retailers' and the street merchants' opportunity. Carnations and roses are sacrificed at times beyond all reason, but it is sacrifice or the receptive barrel. Peonies are arriving, fine stock, and before the week is over they will be everywhere.

Various Notes.

At the club June 12, peony night will bring the spring series of exhibitions to a splendid close. Strawberries will also be displayed on ladies' night and their merits to certificates voted on by the entire assembly. Any unique exhibit will be welcome. Write John Young, the secretary, for particulars and send any flowers you wish to represent you in his care.

Tickets for the club outing can now be had from President Traendly and it is absolutely necessary to know as soon as possible how many can be present. Next week the program of sports and particulars will be issued. The place is Glenwood, the boat the Isabel, and the date June 28.

Auctions will continue another month at least. They are well attended and prices lately have been quite satisfactory.

The convention at Washington is a topic for discussion these days. It is hard to find anyone who does not intend to go. The bowlers are requested to meet at Thum's alleys on Broadway for practice on Friday evenings until further notice. All who desire to compete for places on the team are expected to be present at 8 o'clock.

The sympathy of his many friends in the trade is extended Peter Duff, of Orange, N. J., in the loss of his little son from diphtheria.

Louis Dupuy goes to Holland, France, Belgium and England for his annual trip this week. His new erica is very interesting. He considers the dwarf Rambler a grand pot plant and has a fine lot of them and the blue hydrangea left for Decoration day.

Mr. Pankok, of Pankok & Schumacher, has been recuperating a couple of weeks in the country. Too much Easter trade. Importations from Europe of acacias had just arrived and were promising stuff for next Easter.



WE CARRY THE MOST COMPLETE LINE OF FLORISTS' SUPPLIES in the WEST

ILLUSTRATED CATALOGUE FREE.

A DAILY SHIPMENT FROM 40 TO 60

GROWERS

CALL ON US, AT THE LAST MOMENT IF NECESSARY, FOR YOUR

Memorial Day Wants

HEADQUARTERS FOR

FANCY JASMINE,

$1.00 to $1.50 per hundred.

Peonies, Greens, etc.

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO.

MEMORIAL DAY PRICES

TAKING EFFECT.....MAY 25, 1905

CUT FLOWERS

	Per doz.
Roses—American Beauties—	
Select	$3.00 to $4.00
Medium	1.50 to 2.50
Short	.75 to 1.00
	Per 100.
Meteors, Liberty	$4.00 to $10.00
Brides, Bridesmaids, Kaiserins	4.00 to 7.00
Golden Gates	4.00 to 10.00
Perles	4.00 to 7.00
Good Seconds	4.00
Our Selection, assorted	3.00 to 4.00
Carnations—Extra Select	3.00 to 4.00
" Average Quality	2.00

Our supply of Carnations consists of all the New and Standard Varieties, also Novelties.

MISCELLANEOUS.	Per 100
Cape Jasmines, in large quantities	$1.00 to $1.50
Peonies—Red, Pink, per doz., 75c	5.00 to 6.00
" White, per doz., $1.00.	
Valley—Extra Select, indoor	4.00
" Extra Select, outdoor	2.00 to 3.00
Mignonette	.35 to .75
Marguerites	.75 to 1.00
Forget-me-nots	.75 to 1.00
Pansies	.50 to .75
Callas	8.00 to 12.00
Harrisii and Longiflorum	10.00 to 12.00
Sweet Peas	.75 to 1.00
" White	1.00
Gladioli, mixed colors, per doz., $1.50	10.00

DECORATIVE STOCK.

Ferns—Adiantum	.50 to 1.00
" Common, Fancy, subject to advance, per 1000, $2.50 to $3.00.	.30
Ivy Leaves, per 1000, $5.00	.60
Galax Leaves—Green, per 1000, $1.25.	.20
" Bronze, " 1.25.	.20
Asparagus Plumosus—Select Strings, each, 25c to 50c; Sprays, bunch, 50c.	
Sprengeri, per doz., 25c to 50c.	
Smilax—Select.....per doz.,	$1.50 to $2.00
Sabal Palm Leaves—Artificial	3.00 to 5.00 per 100.

Any flowers, in or out of season, if obtainable anywhere, can be had from us, whether quoted or not.

The Hinode folks were engaged in the interesting manufacture of miniature Japanese gardens when I called. With native artists and a stretch of the imagination it was not hard to imagine one's self in old Japan. An importation of 15,000 Japanese plants just received filled up one of the big greenhouses, some of them 200 years old and worth as high as $100 each. It is well worth a visit to Whitestone to see them. Several acres are devoted to nursery stock, sciadopitys, Japanese cherries, maples, azaleas and evergreens of every description. New houses are to be constructed this year.

Anton Schultheis, of College Point, was in Buffalo last week attending the convention of the Knights and Ladies of Honor. Mrs. Schultheis is in the Catskills with her convalescing son. A fine importation of bays, palms and araucarias has just been housed here.

A visit to Tarrytown and Scarboro last week was made instructive by the courtesy of Mr. Pierson, whose love for his nursery department makes a journey through its acres most interesting. He is developing this branch of his business rapidly and finds the local demand sufficient to take almost all he can produce. There are thousands of Japanese maples in the three popular varieties and in all sizes. Some are worth $50 each. A great stock of the Colorado blue spruce is planted yearly. Over 1,000 hydrangeas in tubs await the annual call from the watering places. They are great value and some specimens bring $15 each. Rhododendrons, Azalea mollis and tree wistarias are especially beautiful now, in full flower and are magnificent specimens. The big house here will take care of 25,000 carnation plants next season. It has proved its value this year in the splendid young stock raised there and about half of it is now devoted to Daheim, Enchantress, Patten, Flamingo and White and Variegated Lawson, as good stock as reaches the New York market. Large kentias, ficus and specimen elegantissima find their home here. The house is so large, an ordinary greenhouse plant could find refuge within its enormous space. The demand for specimen plants of the new fern has exceeded expectations. The houses at Tarrytown are full of the young stock and Mr. Pierson is enthusiastic over the future which the fern promises. A fine large exhibit of the novelty will be made at Washington.

A. J. Fellouris has built a convenient office at his headquarters at 468 Sixth avenue. His new crop of ferns is large and of fine quality and his galax supply is already stored in sufficient quantity for the summer demand.

Cattleya gigas were worth $1 wholesale at Nugent's on Saturday.

Ditzenberger Bros., Seventy-fifth street and Fifth avenue, having sold their property, are now retiring from the florists' business. They have instructed John P. Cleary, the auctioneer, to dispose of their entire plant, consisting of nineteen greenhouses, pipes, boilers, houses, wagons, tools, implements, stock, etc., at public auction, Thursday, June 1. As everything is in first-class condition it will be a great opportunity for those desiring to secure any part of their complete equipment.

Cleary's Horticultural Hall will have a special auction sale on Monday for the convenience of its Decoration day customers. Everything offered will be in pots for immediate use.

J. M. Keller, of Bay Ridge, will retire from business June 1 and will go to Europe for a long stay. The business will be re-organized under the name of the J. M. Keller Co., and Mr. Keller's son-in-law, M. Jordan, and George Appel, for many years foreman of the establishment, will form the new company.

J. AUSTIN SHAW.

A BIG CONCERN.

I notice that Mr. Hoo Hoo, of Pittsburg, thinks the Pittsburg weather ought to boom hail insurance. If Mr. Hoo Hoo sat at the secretary's desk, he would get a notion that hail insurance was booming all the time. Few appreciate that the Florists' Hail Association is getting to be one of the big co-operative organizations of the country.

JOHN G. ESLER, Sec'y.

CATALOGUES RECEIVED.

H. F. Michell Co., Philadelphia, garden requisites; J. A. McDowell, City of Mexico, orchids and cacti; Hinode Florist Company, Whitestone, N. Y., Japanese plants; F. Ludemann, San Francisco, bulbs and plants.

OAKES, N. D.—D. C. Walter says that the local use of cut flowers and plants is steadily increasing and he expects to enlarge his greenhouse in the near future.

Place your Decoration Day Order with Us **NOW** for

Fine Roses, Carnations

Valley, Sweet Peas and all Other Seasonable Stock

Our prices will be right and we will treat you right.

VAUGHAN & SPERRY 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

PEORIA, ILL.

At an expense of more than $4,000 Chas. Loveridge is erecting four of the finest greenhouses in the city. The houses will be 25x150 feet and will accommodate four benches each. At the east end of these houses will be erected the office and under this will be the cellar for cut flowers. At the south side of the new house, at an expense of over $1,000, an entirely new boiler house will be installed. The combined steam of three large boilers will be employed in heating the thirteen houses. To cover these houses it will necessitate the use of 40,000 square feet of double-strength of glass. In hotbeds immediately back of the houses more than 6,000 pansies in bloom make one of the most pleasing of sights to the visitor. The wealth of varieties is truly marvelous. Twenty-five thousand carnation plants are out in the field.

Scotch heather is being propagated. But few florists in the west endeavor to grow this plant. A good business is now being done in spring stock.

COLDWATER, MICH.—Van Aken Bros. are starting a branch store at Mishawaka.

ST. PAUL, MINN.—Ald. Bantz notified the board of aldermen May 16 that he will ask an appropriation for F. Schultz, who had the glass in his greenhouse on Dale street shattered by hail. The Eighth ward alderman said that Schultz cannot afford to stand the loss of $500. There was some question where the money is to come from and Mr. Bantz secured the promise of City Clerk Redington to see if there is anything left in the cyclone relief fund.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—My place and business, if sold between now and the 20th of June; need not inquire unless you have $3,000 cash; this is a rare chance. For particulars write to M. Brandlein, 3227 N. Senate Ave.. N., Indianapolis, Ind.

WANTED—Single man with practical experience in cut flowers and blooming plants; sober and industrious; steady place to right man; $12.00 per week; give reference and age. Address J. B. Goetz Sons, Saginaw, W. S., Mich.

WANTED—Greenhouses to be torn down; state condition; how long built, etc. Address No. **29**, care Florists' Review, Chicago.

WANTED—Competent man for roses, carnations and general stock; $35.00 per month and board or $12.00 per week without board. H. Bornhoeft, Tipton, Ind.

FOR SALE—A half part of greenhouses, 9,000 sq. ft. glass; the whole place in good condition; fully stocked; nearly half acre of land; in town of 7,000 population, Ocala, Florida; no greenhouse 100 miles around; good trade outside in other cities; is a bargain. Address Ocala Floral Co., Ocala, Fla.

FOR SALE—No. 6 Rider engine with deep well pump, kerosene oil burner; used about 1½ years; in good condition; cost $300; will sell for cash on board car here for $75; reason for selling, city water connection. M. Mandl, 165-167 South Franklin street, St. Paul, Minn.

FOR SALE—7,000 feet of glass and a 10-room dwelling; fifteen years established; will sell greenhouse and lease ground; part cash. Address No. **26**, care Florists' Review, Chicago.

FOR SALE—A fine retail business, between 4,000 and 5,000 feet of glass; all new; no competition; two acres of ground, dwelling house and all necessary stock on the place. Mrs. Jas. Lister, Newton, Iowa.

FOR SALE—Our entire plant, 10 greenhouses, about 25,000 ft. glass, nearly all 16x24 inches in size and double thick; iron and cedar posts, cypress bars; business established over 30 years, but entirely rebuilt in last 10 years; heating, hot water under pressure; a large percentage of income is from cut flowers and floral work; entire products sold retail; receipts all right, books open. Terms easy. We are only 20 miles from Massachusetts state line, with some of N. H.'s fine summer resorts near us. Address Ellis Bros., Keene, N. H.

FOR SALE—4-inch cast-iron greenhouse pipes, in good condition, 6 cents per ft. Inquire of Emil Buettner, Park Ridge, Ill.

WANTED—Catalogue man, who is familiar with the "get up" of a seed, plant and bulb catalogue. Livington Seed Co., Columbus, Ohio.

FOR SALE—(For a song almost), greenhouse, 7,000 feet glass; centrally located in Toledo; doing a good retail business; $1,000 buys it if taken by June 1st, without stock; owner has other business and cannot attend to both; purchase price can easily be made in one year. Address No. **15**, care Florists' Review, Chicago.

FOR SALE—4-inch cast-iron pipe, 6c per foot; one Kroeschell boiler, extra large size; cost over $500, for $150. Heller Bros., New Castle, Ind.

FOR SALE—Having decided to retire from the greenhouse business on account of my time being taken up with other lines, I am going to sell entire plant consisting of 8,500 feet of glass. 2½ acres ground, built new and up to date; steam heat; Morehead trap; city water; also steam pump; 50 miles from Chicago. For particulars address The E. F. Winterson Co., 45 Wabash Ave., Chicago.

WANTED—A good section man for carnations and roses. Apply to Emil Buettner, Park Ridge, Ill.

FOR SALE—5,000 sq. ft. of glass, 5 greenhouses in a natural gas city of 15,000; large grounds, 7-room house, barn, etc.; this is a bargain. Address A. L. Harmon, Iola, Kan.

WANTED—A first-class grower of cyclamen, poinsettias, etc. Address J. B. Braldwood, Colorado Springs, Colo.

WANTED—A good second-hand boiler; to heat about 4000 feet of glass; hot water. What have you to offer? J. P. Wilson, P. O. Box 53, Olney, Ill.

FOR SALE—Two greenhouses 20x60; one acre of ground; good location; good trade. W. N. Tharp, Liberty, Ind.

SITUATION WANTED—To take full charge of a commercial place in Kentucky, Tennessee, Georgia or Virginia after June 5; married; 12 years' experience in all branches; references in first letter. Address No. **30**, care Florists' Review, Chicago.

WANTED—Second-hand building material, pipe, glass, etc; give description and price. Alfred Runnion, Sheldon, Ill.

WANTED—A competent florist capable of taking charge of retail place of 7000 feet of glass; wages $50.00. F. B. Tinker, Peru, Ind.

WANTED—Second-hand Scott's Manual; carriage prepaid; state price and condition. Address No. **35**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman; Beauties, teas and carnations a specialty; good propagator, hybridizer and plantsman; can handle help to best of advantage; references: Jos. Heacock, Wyncote, Montgomery Co., Pa.; Albert Woltemate, 5230-32 Germantown Ave., Philadelphia. Apply Matthew G. Kinnaird, 227 Woodbine Avenue, Narberth, Pa.

WANTED—At once, a sober, energetic foreman to grow roses, carnations, Easter lilies, chrysanthemums and spring bedding plants; must be up-to-date. Address No. **36**, care Florists' Review, Chicago.

WANTED—Florist to grow mostly carnations, chrysanthemums and some miscellaneous stock; must be strictly sober and reliable; one handy at floral work preferred. Send application and references to W. W. Stertzing, 7280 Old Manchester Road, St. Louis, Mo.

WANTED.

By the 10th of June, A1 grower of roses and carnations; permanent place and good wages to reliable man. Address No. **33**, care Florists' Review, Chicago.

FOR SALE CHEAP

Two greenhouses. 20x125, to be torn down and removed; also 1000 ft. of 1-in. pipe, 3c per foot; 1000 ft. of 1¼-inch, 4c per foot; 2500 ft. of 2-in., 6½c per foot; 90 boxes of 16x24 glass at $2.50 per box. Address

G. F. BLANCHARD, 45 La Salle St., Chicago.

Situation Wanted

As working foreman after June 10, where cut flowers are a specialty; in a southern state; age 26; married; references as to ability and character with full particulars in first letter. P. O. 555, Danville, Ky.

FOR SALE

Having sold my ground to the Frisco R. R., I offer for sale 6 greenhouses, containing 12,000 feet of glass: one gasoline engine with pump; one hot-air engine; both in good working order; 60 horse-power boiler; piping; a lot of tools; 6,000 carnation plants in field; 25,000 smilax plants; will sell in part or in lump. Make me a cash offer as I must vacate by August 1st. Address

MAX HERZOG,

6957 Scanlan Ave., St. Louis, Mo.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held at Alexandria Bay, N. Y., from June 20 to 22, 1905.

SEEDS of many of the root crops that American seedsmen depend upon European growers to supply, are reported short.

THIS week's protest at the duty on canary seed was by Chas. Kessler, of San Francisco, but it was overruled like all others.

THERE are those among the seedsmen who look for low prices for onions this fall, because of large acreage, and who expect complaint of one kind or another from disappointed growers. Those who take this view have seen to it that trial plots of each lot of seed have been planted where they can watch results.

Thorburn's Bulbs

We are now booking orders for
LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.
Apply for prices, stating number wanted.
CYCAS REVOLUTA
at $8.00 per 100 lbs.
COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.
J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

RALPH M. WARD & CO.
Exporters and Importers
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Horseshoe Brand. Bulbs, Plants.
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LOCAL GROWN
Asparagus Plumosus Nanus Seed
This Season's Crop.
Lots of 5000 or more .....$2.00 per 1000.
Samuel Feast & Sons,
331 N. Charles St., BALTIMORE, MD.
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THE Michigan radish seed crop figures considerably in the trade now and it is expected that the plantings will be up to the average this year.

TOMATOES are being set out in increased quantities by the pickle men. Catsup and chili sauce, it appears, are in shorter supply than salted pickles.

KENTIA seeds, both Belmoreana and Forsteriana, are being offered in London at 10 shillings ($2.40) per thousand, and less for a quantity, for stock recommended as in extra fine condition.

As to the keeping quality of onion sets, it is stated by a pioneer grower that the condition of the weather at harvest time is the factor in the case and not the locality in which they may be grown.

THE U. S. Department of Agriculture has issued a bulletin on the imported cabbage worm which will be of interest to seedsmen. It characterizes this as the worst of the many destructive enemies of the cabbage.

J. J. GRULLEMANS & SON, Lisse, Holland, write under date of May 6: "Bulbs, generally speaking, have suffered very much of the frost, and cold, rainy weather here. Especially in tulips there are many failures and they do not look up to much at present."

No up-to-date reports from the Indianapolis and Louisville onion set centers are at hand. Indirectly it is stated that the wet weather which has prevailed so generally did considerable damage to some of the fields. Previous reports were to the effect that the crops at both places were looking well.

THERE is always a difference of opinion as to the value of one section over another for the production of seed crops. It is natural for a grower operating at any given point to extol the advantages of his location. It should be borne in mind, however, that many things besides soil and artificial accessories are needed to produce crops.

REPORTS from California upon the coming onion seed crop are not encouraging. Percentages as low as twenty-five per cent of a crop are named by some of the growers. The reports cover all the standard varieties. An average of seventy-five per cent on the whole is thought to be all that can be expected at harvest from present prospects.

THE low-lying fields in the Chicago onion set district are very much hurt by the excessive rains spoken of in this column last week. The clay soil which usually produces excellent crops of sets is in bad shape; the cultivator fails to loosen it up and the plants have an appearance of going backward instead of forward. On the soil where sand is well intermixed with the black loam the situation is different, fields of this class showing up well, with a good healthy appearance of growth and a full stand.

THE pea fields of Wisconsin are doing well, according to latest reports.

The firm of Smith Bros., which does probably the largest seed business in South Africa, has lost two of its members within two months.

IT is now up to the Michigan farmer to get beans into the ground. From general reports the ground will be in good shape to start in on time.

SOME of the large pickle men are preparing ground for pickles that owing to unfavorable weather got beyond the time for an intended different crop.

SEEDSMEN'S PROGRAM.

The twenty-third annual convention of the American Seed Trade Association will be held at Alexandria Bay, N. Y., June 20 to 22. The Crossman House has been secured for the exclusive use of the members. Elaborate arrangements for entertainment have been made and the following program of addresses is announced:

"Points of Interest at the Thousand Islands," by Major J. H. Durham, Cape Vincent, N. Y.; "Early History of the Seed Business," by Charles H. Breck, of Joseph Breck & Sons, Boston; "Increasing or Restricting Membership in the American Seed Trade Association," by Albert McCullough, of J. M. McCullough's Sons' Co., Cincinnati; "Seed Growing in California," by Lester L. Morse, of C. C. Morse & Co., Santa Clara, Cal.; "The Science of Business Building," by R. U. Conger, New York City; "Methods of Advertising," by Wm. Henry Maule, Philadelphia; "Growing and Keeping Onion Sets," by C. F. Wood, of Wood, Stubbs & Co., Louisville, Ky.; "Is the Vocation of Seed Dealing a Promising Field for Young Men?" by Mel. L. Webster, Independence, Ia.; "Good Seeds Which do Not Grow," by C. L. Allen, Floral Park, N. Y.; "New and Desirable Forage Plants," by C. V. Piper, U. S. Department of Agriculture, Washington; "Trials and Pleasures of the Seed Trade," by H. L. Holmes, of the Holmes Seed Co., Harrisburg, Pa.; "The Modern Seed Catalogue," by M. B. Templin, of the Templin Co., Calla, O. The question box will be a new feature and will be employed in executive session. Secretary Kendel says he hopes it will bring out beneficial discussion of knotty business problems.

SEED GROWING IN COLORADO.

D. V. Burrell, Rocky Ford, Colo., writes as follows under date of May 17:

"In the REVIEW of May 11, I note a statement that a Nebraska seed firm which thought of going into Colorado with extensive vine seed operations, has abandoned the idea, also stating that they did not consider Colorado to be so safe for vine seed crops as Nebraska.

"Those who are familiar with Colorado, will readily understand that vine seeds cannot be grown without irrigation, and that the location of the land and the ditches under which the seed is grown, has everything to do with the crop. We have lands here under the old irrigating canals worth from $300 to $500 per acre, which produces almost every year abundant crops which reach the highest possible state of maturity. Only a short distance from this land,

NOTICE, TO WHOM IT MAY CONCERN.
Ralph M. Ward & Co., New York
Having purchased my crop of BERMUDA HARRISII BULBS for the season of 1905, have the sole right to sell them in the American and Canadian markets and to offer them as PENISTON'S BERMUDA HARRISII.
March 31, 1905. CLARENCE PENISTON, Hamilton, Bermuda.
Mention The Review when you write.

under ditches with poor water rights, the land is worth but a few dollars per acre, and the crops cannot be depended upon. We know where this seedsman planted his crops last year and that practically all were under the latter class.

"The following parties visited our fields last season and can tell you what kind of crops we grew: S. F. Willard, Ex-President of the American Seed Trade Association; Howard M. Earl, of W. Atlee Burpee & Co.; Mr. Forbes, of Peter Henderson & Co.; Mr. Dungan, of Wm. Henry Maule; Mr. Coulter, of D. M. Ferry & Co., and Mr. Coulter, of Jerome B. Rice Seed Co., also many other seedsmen who expressed themselves as being highly pleased with our methods of growing seeds under irrigation.

"I am inclosing herewith a small sample of seeds of our own growing, and wish to call your attention to the weight of the germ. In comparing seeds grown here with those grown in other sections, we find a difference in squash seeds of twenty-five to thirty per cent in weight in favor of our growings.

"Our contract orders are very heavy this year, showing that our old customers have been well pleased with the results obtained here. The ground is in good working condition, water supply plentiful and present indications very favorable for a good crop the coming season.

"Under our best ditches, where we have water throughout the entire season whenever wanted, the plant is not allowed to want. With this condition, when the plant needs water it gets it, and when it does not need water it is kept away, while under the poor ditches, owing to the fact that we depend entirely on irrigation to grow crops, many times the plants suffer and cannot mature crops giving satisfactory results. This same condition will be met with to a greater or less extent in districts where the crops are grown without irrigation. If at the time the seed is filling the plant suffers for water, shriveled, light seed must result, and only under favorable seasons can seeds of good quality be expected."

HOLLAND BULB CROPS.

The following report on Holland bulb crops is from a correspondent of the Horticultural Trade Journal:

Whereas April opened with delightfully mild weather, the month all through, with the exception of one or two fine days, proved a very sad disappointment to all concerned. Where we had hyacinths in full bloom on the first day of April and had expected to find the bulk of bulb flowers to be over at the Easter holidays, the cold retarded the flowering season to such an unusual extent that many hyacinths were still in bloom at Easter, and the tulips would have been at their best if the hailstorms had not completely ruined the flowers, and even those that are still in bud state already show the disastrous results of the continued rain and wet, and very likely even the late or May-flowering tulips will not come out to perfection. Generally speaking, the whole of the flowering season has been a sad disappointment to us all. Spring shipments have now come to a close and have been most satisfactory, as no surplus stock has been left on the hands of any of the growers.

A man who had been sixteen years in the employ of the Albert Dickinson Co., Chicago, hung himself in the firm's warehouse May 23.

We esteem the Review very highly for its Seed Trade News.—Binghamton Seed Co., Binghamton, N. Y.

CANNAS.

We started our cannas in sand and after they were well rooted cut the bulbs off enough so as to put them in 2½-inch pots. Will these make as large plants as if we had not cut them?

L. M. B.

The roots should be divided or cut up at the time you start them as dormant roots. If you did that and started them in sand they should need no more cutting and the smallest pot for them should be a 4-inch. If there is a good bunch of roots left on the old piece of root they will keep on growing all right, but next time cut the roots up into pieces three or four inches long, with one or two good eyes, and after they are started in sand and sphagnum moss pot them into 4-inch. W. S.

Marquette, Mich.—The Lutey Floral Co. has a new scheme for pushing the spring plant business. They print a coupon in the daily paper the presentation of which entitles the purchaser of a certain number of plants to a window box free.

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are now completed. We take orders now for delivery this fall or next spring. Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. BEANS, PEAS AND GARDEN SEEDS. Write for Prices. TURNIP SEED. TIME TO BUY NOW. Get our Prices.

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Genuine BERMUDA ONION SEED

Grown and Exported by WILDPRET BROTHERS, Port-Orotava, Teneriffe, (Canary Islands.)

Write for prices at once and place your order at an early date so as to secure a full supply. Best references required from unknown firms. Orders accepted from the wholesale trade only.

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It is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

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VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

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A full line in Manila, Fibre and Laid papers, White, Amber and Colored. Printing in large or small quantities, one or more colors, with cultural directions and with or without cuts. Samples and estimates on application.

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Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

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Section of field of

Lil. Harrisii

Grown by

CHAS. A. V. FRITH
Hamilton, Bermuda.

Photo. taken April 21, 1905.

THE "SEMPER IDEM" BRAND.

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Now is the time to sow the New Hybridized Giant-Flowered

Obconica Primroses.

	1000 seeds.	Trade Pkt.
Purple, a very constant color	$1.00	$ .50
Violet, fringed, extra	1.00	.50
Compacta, a fine potter	1.50	.50
Baby Primrose	.50	.30
Buttercup Primrose grandiflora	1.00	.50
Browallia speciosa major	1.00	.50
Peppermint, true	.75	.30
Campanula Calyc., Cup and Saucer, white, pink, purple, striped, each color.		.25
	Per oz.	
Carnation, hardy garden, finest in existence	$2.50	.50
Centaurea imperialis, giant white and purple, each color	1.00	.25
Cowslip, large hybrids, mixed	2.50	.50
Snapdragon, giant tall mixture	.50	.25
Greenhouse Stocks for the Cut.		
Princess Alice, snow white	$2.50	$0.50
Boston Market, pure white	3.00	.50
Excelsior, new single stemmed, enormous pure white spikes	6.00	.50
New Perfection, sky blue	6.00	.50
Mignonette Triumph, new, $6.00 oz.		.50
Wallflower, single dwarf Bush, dark brown	.50	.25
Wallflower, double dwarf Bush, black, brown, extra	4.00	.50
Candytuft, Giant Empress, per lb. $2.00; per oz. 25c.		

O. V. ZANGEN, – HOBOKEN, N. J.

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FISCHER'S GRAND FREESIA PURITY.

A magnificent, snowy, glistening white, of very large size and great length and strength of stem; a dozen sprays making as fine a showing as a dozen large white carnations, and can be used wherever carnations can be used for decorative purposes. A truss bears from eight to eleven buds, of which six are frequently open at one time, making an immense flower. It is of great substance and bears shipping without bruising. Stems can be cut two feet long and are as rigid as sticks. It is very prolific in bloom, producing three to four side shoots of eight buds each besides the main flower. Bulbs no bigger than dried wax beans produce as large a flower as the largest bulbs, only the stems are shorter. It propagates very freely, producing from four to eight bulbs, all of which will flower the next year.

All growers of freesia should try this queen of freesia for when once grown you will want no other.

Price for large bulbs, $4.00 per 100; $30.00 per 1000; 500 at 1000 rate.

Discount on 5000 and over.

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Seed just received from English specialists whose strains are unrivaled in size and brilliancy of colors.

		Half trade pkt.	Trade pkt.
English Prize Dwarf Mixed	These are absolutely	60c	$1.00
English Prize Half Dwarf	unsurpassed	60c	1.00
James' Giant Strain	in quality	60c	1.00

PRIMULA SINENSIS (Chinese Fringed Primrose.)

English Prize Fringed Mixed ..... per 100 seeds, 20c; 500 seeds, $1.00; 1000 seeds, $1.75
Obconica Grandiflora Mixed ..... trade pkt., 30c. Stellata (Star Primula) ..... trade pkt., 50c
Forbesi (Baby Primrose), trade pkt. ..... 40c.

High Grade FRENCH and DUTCH BULBS.

Our quotations will interest you. Write at once.

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Lily of the Valley

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Select Valley Pips,

From cold storage, thoroughly frozen,
$13.00 per 1000,
$1.50 per 100.

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They can be forced for Christmas.
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Are Popular All Over the Country.

The Michell Prize-Winning strain of Primula Seed is too well known to need description. It is the best in the market today.

	½ Trade Pkt.	Trade Pkt.
Alba Magnifica. White	$0.60	$1.00
Holborn Blue	.60	1.00
Kermesina Splendens. Crimson	.60	1.00
Rosy Morn. Pink	.60	1.00
Stellata. (Sutton's Star). Original pkt., $1.25.		
Fern Leaved. Mixed colors.	.60	1.00
Michell's Choicest European Mixture contains only the very finest sorts selected from the best strains. Per 1-16 oz. $2.00	.60	1.00
PRIMULA OBCONICA—Our choice strain. **Kermesina,** red		.40
Rosea pink		.30
White		.30
Hybrida Grandiflora		.30
The **Baby Primrose** (P. Forbesi)		.50

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BUFFALO.

The long continued dull and chilly weather has much retarded the flower garden business and it will make a dreadful crush when a few hot days do arrive. To show that we have need of caution in putting out our tender bedding plants, on the morning of May 20 we had four degrees of frost, but that did not harm the carnations, most of which were out about May 10.

There nas been an oversupply of flowers, but not alarming, and all we can save and scrape up will be wanted at Memorial day. As someone remarked last week, there was a time when flowers donated to the G. A. R. was the chief business, but now all classes remember departed friends and make it a day of commemoration. Plants as well as flowers are largely used for the occasion and again are we largely dependent on the weather. A fine, warm day means an immense business and a wet day means that the good folks stop at home and we are minus business never to be caught up. If a man wants a hat or a woman a new pair of gloves, if she cannot buy them Saturday she will get them Monday. Not so with the bunch of flowers. If the day is missed the sale is lost forever.

The department stores have started flower counters. One store began in earnest a month ago and we hear that three others are about to start, engaging managers, etc. This increased opposition may be felt by some more than others. It is not the slightest good for us to worry about it, for no law or power can prevent them. A department store has as much right to sell flowers as books, or hams, or tinware. In the cities where department stores have extensive flower departments, the retail florists do not seem to suffer. They sell to people who would scarcely ever enter a florist's store. Let us hope that what they find to be their influence in some western cities will be the case here, viz., that they spread the love and use of flowers among thousands who scarcely ever had the luxury of flowers on the table. I do not believe they will hurt and if they increase the use of flowers they must have helped the craft generally. The producer must be benefited. The use of flowers among the masses can yet be increased fivefold before it is as general as in the cities of western Europe. W. S.

COLLECTED ORCHIDS

Fresh Importation of **Cattleya Trianae**

Just received in splendid condition and offer them until sold at **$55.00** per case, original case of 40 to 50 plants.

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POT-GROWN

We have a surplus of **Lilac Madame Lemoine** and **Marie Legraye,** and **Deutzia Gracilis,** just coming into flower, in fine condition for shipping and immediate use.

LILACS, $50.00 per 100; **$6.50** per doz.; **75 cts.** each.
DEUTZIAS, $20.00 " **$2.50** " **25 cts.** "

MUSHROOM SPAWN PURE CULTURE

Being the Eastern Distributing Agents for the American Manufacturers of **Pure Culture Spawn,** we can ship Fresh Spawn on short notice at the following prices:
15 cts. per lb.; **$1.25** per 10 lbs.; **$10.00** per 100 lbs.

We have also the best make of **English Virgin Mushroom Spawn,** fresh importation, **8c.** per lb.; **75c.** per 10 lbs.; **$6.00** per 100 lbs.; **$55.00** per 1000 lbs.

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DES MOINES, IA.—W. L. Morris has filed an amendment to his petition in bankruptcy, having found additional creditors to whom he owes $418.

BALTIMORE, MD.—James Andrews was fined for assault and battery upon a boy who asked for a job. The boy did not mind being ejected from the store by the ear but a woman who was passing remonstrated, then resented Andrews' language and had him arrested.

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228 Diamond St., PITTSBURG, PA.

Shipping Given Special Attention.

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

PLEASE cancel my advertisement as I am sold out of stock.—U. G. HARGLERODE, Shippensburg, Pa.

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ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

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The new decorative green. Write the introducer of the WILD SMILAX and he will tell you all about it.

J. CALDWELL THE WOODSMAN CO.
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New Crop Hardy Ferns—Fancies, $1.50 per 1000; Daggers, $1.25 per 1000.

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Philadelphia, May 24.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
Queen of Edgely, Specials		3.00
" " Medium	1.00 to	2.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10.00
" Ordinary	2.00 to	5.00
Golden Gate	2.00 to	6.00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	6.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		3.00
" Select		2.00
" Ordinary	.50 to	1.00
Cattleyas		50.00
Dendrobium Nobilis		10.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Callas		5.00
Daisies, White or Yellow	.50 to	.75
Lilium Harrisii	4.00 to	5.00
Mignonette	1.00 to	2.00
Smilax	15.00 to	20.00
Sweet Peas		.50
Gardenias	4.00 to	8.00
Valley	2.00 to	5.00
Snapdragon	4.00 to	8.00
Cornflowers		.50
Gladiolus Miniature	3.00 to	5.00
Peonies	3.00 to	6.00
Iris	2.00 to	4.00
Water Lilies	4.00 to	6.00

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

EDWARD REID,

WHOLESALE FLORIST.

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We will close at noon on May 30.

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

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DAISIES SWEET PEAS White Roses For ..... Decoration Day

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Choice Brides, Maids and Sweet Peas

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PANDANUS VEITCHII, suitable for using outdoors in jardinieres, vases, boxes or tropical beds, at the following prices:

7-inch pots, $12.00 a doz.; 8-inch pots, $18.00 a doz.; a few larger plants at $2.00 and $2.50 each.

THESE PLANTS ARE GOOD VALUE AND WELL ADAPTED FOR THE PURPOSE.

J. W. YOUNG, - Germantown, Philadelphia.

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SHIPPING ON COMMISSION.
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GALAX **BRILLIANT Bronze or Green,** selected stock, $1.00 per 1000; $3.75 per 5000.
LEUCOTHOE SPRAYS—Green or Bronze, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS—Fresh stock, per bbl. sack, $2.50.
SPHAGNUM MOSS—Large bale, $1.75; by freight, $2.00 per bale.
All Kinds of Florists' Supplies.
L. J. KREESHOVER, 112 W. 27th Street,
Tel. 597 Madison Square. **NEW YORK.**
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JAMES McMANUS, Telephone, 759 Madison Square. **50 W. 30th St., NEW YORK**
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.

WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK

'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.

Special arrangements this season for the extensive handling of American Beauties

Mention The Review when you write

WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Rosee.
Telephone 902 Madison Square. **Carnations.**
Mention The Review when you write.

BONNOT BROS.

WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEXCELLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 830 Madison Sq.
Mention The Review when you write.

ESTABLISHED 1872.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK
Tel. No. 956 Madison Square.
WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
Mention The Review when you write.

THE ONLY HOUSE handling the New **Red Carnation "VICTORY"** to be disseminated 1906. Also a complete line of choicest flowers.

ALEX. J. GUTTMAN

WHOLESALE FLORIST
Phones 1664-65 Madison Sq.
52 W. 29th Street, NEW YORK
Mention The Review when you write.

FRANK MILLANG,

CUT FLOWER EXCHANGE,
Coogan Building, 55-57 West 26th St. NEW YORK CITY
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, May 22.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		2.00 to 10.00
Mme. Chatenay		2.00 to 6.00
Killarney		1.00 to 8.00
Meteor		1.00 to 2.00
Orchids, Cattleyas		25.00 to 30.00
Carnations, Common		.25 to .50
" Selects		.50 to .75
" Fancies		1.00 to 1.25
" Novelties		2.00 to 8.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		5.00 to 10.00
Lilies		2.00 to 8.00
Lily of the Valley		.25 to 2.00
Smilax		8.00 to 15.00
Narcissi		.25 to .30
Callas		3.00 to 4.00
Daisies		.25 to .50
Pansies	doz. bunches 15c to 30c	
Tulips		.50 to 1.00
Mignonette		.50 to 2.00
Sweet Peas	doz. bunches 20c to 30c	
Romans		.50 to .75
Lilac	bunch 15c to 25c	

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

FORD BROS.

48 W. 28th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.

WILLIAM H. KUEBLER

Wholesale Commission dealer in Cut Flowers,
19 Boerum Place, Tel. 4591 Main, **Brooklyn, N. Y.**

A. L. YOUNG & CO.,

WHOLESALE FLORISTS,
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. 54 W. 28th St., New York.

WILLIAM H. GUNTHER

30 West 29th Street,
Phone 551 Madison Square, **NEW YORK.**
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS—Important—Special advantages for you this season. Write or see us.

JAMES A. HAMMOND,

Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY
Tel. 854 Madison Sq.,
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

TWENTY YEARS' EXPERIENCE

John Seligman

WHOLESALE FLORIST
56 W. 26th Street, NEW YORK
Opposite N. Y. Cut Flower Co. Everything in Cut Flowers. **Consignments from Growers Solicited.** Prompt returns. Best prices.
Satisfaction Guaranteed.

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,
MILWAUKEE, -- WIS.
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CAPE JESSAMINES.

Fine Grandiflora buds, 75c per 100; $6.00 per 1000. Lots of 10,000, $50.00. They are packed to ship to Canada or anywhere in the United States and guaranteed to arrive in good condition.
Season now open; closes about June 15.
Your orders solicited.
ASA WRIGHT, ALVIN, TEXAS.
Mention The Review when you write.

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WHOLESALE FLORIST
46 West 29th Street, NEW YORK CITY
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED
Mention The Review when you write.

"THE RELIABLE HOUSE"
WHOLESALE FLORIST
48 WEST 30th STREET, NEW YORK CITY
Phone 325 Madison Square.
Roses, Carnations, Violets and Every Variety of Cut Flowers.
JOSEPH S. FENRICH

J. K. ALLEN
Wholesale Commission Florist, 106 W. 28th St., NEW YORK CITY
Open Every Day at 6 a. m. Telephone 167 Madison Square.
AMERICAN BEAUTIES, ORCHIDS, ROSES, CARNATIONS, VIOLETS and every variety of Cut Flowers.

THE HINODE FLORIST CO., WHITESTONE, N. Y.
Telephone No. 442, Whitestone. Also WOODSIDE, LONG ISLAND.
Importers and Growers of HIGH-GRADE JAPAN LONGIFLORUM LILIES
A large range of new greenhouses has been erected at Whitestone for Lily Forcing
QUAINT and CURIOUS JAPANESE PLANTS on hand for SHIPMENT ALL THE YEAR ROUND
Prices—15c, 20c, 25c, 50c, up to $5.00
MINIATURE JAPANESE GARDENS AND NOVELTIES UP TO 200 YEARS OLD. VISITORS ALWAYS WELCOME
Mention The Review when you write.

N. LECAKES & CO.
53 W. 28th St., NEW YORK
Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves.
Mention The Review when you write



Mention The Review when you write.

The Kervan Company,
WHOLESALE DEALERS.
All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.
20 W. 27th Street, NEW YORK.
Telephone 1519 Madison Square.
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National Florists' Board of Trade
NEW MANAGEMENT. Tel. Call, 655 John.
HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
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Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

Boston, May 24.

	Per 100
Beauties, Specials	$15.00 to $20.00
" Extra	6.00 to 10.00
" Short Stems	2.00 to 4.00
Brides, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Carnots, Kaiserins	1.00 to 6.00
Liberty	1.00 to 10.00
Chatenay	1.00 to 5.00
Carnations, Special	2.00 to 2.50
" Select	1.00 to 1.50
" Ordinary	.75
Lily of the Valley	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bunch 50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 12.00
Adiantum	.75 to 1.00
Callas	4.00 to 6.00
Lilium Harrisii	4.00 to 6.00
Sweet Peas	.50 to .75
Tulips	1.50 to 2.00
Pansies	.20 to .25
Spanish Iris	2.00 to 3.00
Narcissus Poeticus	1.00
Gladioli	3.00 to 6.00

Buffalo, May 24.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate	2.00 to 6.00
Kaiserin	4.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	3.00 to 5.00
President Carnot	4.00 to 8.00
Perle	3.00 to 5.00
Sunrise	3.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	.50 to 4.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .60
Tulips	1.00 to 2.00
Gladioli	3.00 to 5.00
Pond Lilies	4.00 to 5.00
Gardenias	2.00 to 3.00

PLEASE stop our advertisement of mums and geraniums; all sold.—A. RELYEA & SON, Poughkeepsie, N. Y.

N. R. CRAWBUCK E. W. WILES
CRAWBUCK & WILES
Wholesale Dealers in
WILD SMILAX, GALAX, PALM LEAVES, LEUCOTHOE SPRAYS, FANCY AND DAGGER FERNS
Perfect shipping facilities for out-of-town orders.
370 PEARL ST., BROOKLYN, N.Y.
Mention The Review when you write

George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of
Ever-greens
FANCY and DAGGER FERNS.
GALAX—Brown and Green.
45 West 29th St., NEW YORK CITY.
LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
Telephone 4009 R Madison Square.
Mention The Review when you write.

YOUNG & NUGENT
42 West 28th Street, NEW YORK.
Telephones, 2065-2066 Madison Sq.
ORCHIDS, GARDENIAS, VIOLETS
ROSES, CARNATIONS
and a large assortment of other Flowers, according to season.
TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.
Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK.
TRAENDLY & SCHENCK,
Wholesale Florists
AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

1871 James Hart 1904
(The Original Pioneer House)
Commission Dealer in CUT FLOWERS
117 West 30th St., near Sixth Ave.,
Telephone 626 Madison Square. NEW YORK
EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.
Mention The Review when you write.

Always Mention the....
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When Writing Advertisers.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write

Wholesale Cut Flower Prices.

Chicago, May 24.

	Per doz.
Beauties, Long stems	$4.00
" 30-inch "	3.00
" 24-inch "	2 50
" 20-inch "	2.00
" 15-inch "	1.50
" 12-inch "	1.25
" Shorts	$0.75 to 1.00
	Per 100
Bridesmaids, Specials	6.00 to 7.00
" Firsts	3.00 to 5.00
Brides, Specials	6.00 to 7.00
" Firsts	3.00 to 5.00
Liberty, Specials	6.00 to 10.00
" Firsts	3.00 to 5.00
Golden Gate, Firsts	6.00 to 7.00
" Seconds	3.00 to 5.00
Meteor, Firsts	6.00 to 7.00
" Seconds	3.00 to 5.00
Perles, Firsts	6.00
" Seconds	3.00 to 5.00
Chatenay	3.00 to 8.00
Cattleyas	40.00 to 60.00
Carnations, Select	2.00
" Fancy	3.00 to 4.00
Peonies ..... per dozen, 75c	
Callas	3.00 to 10.00
Harrisii	3.00 to 10.00
Tulips	3.00 to 5.00
Sweet Peas	.50 to 1.00
Daisies	.75 to 1.50
Mignonette	4.00 to 8.00
Asparagus, Strings	25.00 to 50.00
" Sprays, per bunch, 25-35c	
Sprengeri 25-35c	
Ferns ..... per 1,000, $3.00	.30
Adiantum Cuneatum	.75 to 1.00
Smilax ..... per doz., $1.50 to $2.00	

RICHMOND, IND.—When E. G. Hill sailed for Europe on the Pennsylvania a week or so ago he was accompanied by Mrs. Hill. They propose to visit the principal points of interest in Europe.

Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhousee.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given

D. Wood Brant

Successor to Brant & Noe Floral Company.

56-60 Wabash Ave., Chicago.

FINE CARNATIONS

In quantity, prices reasonable. Wire, can always fill order.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

Mention The Review when you write.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
PERLE	3.00 to 6.00
UNCLE JOHN	5.00 to 6 00
" seconds	3.00 to 4.00
CARNATIONS	2.00 to 3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

Mention The Review when you write.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

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Poehlmann Bros. Co.

Wholesale Growers of and Dealers in **Cut Flowers.**

All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

WEILAND & RISCH

Leading Western Growers and Shippers of

Cut Flowers

59 Wabash Ave., **CHICAGO**

Long Distance Phone Central 879.

Mention The Review when you write

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

We have **Peonies, American Beauties and Sweet Peas** for June Weddings

The Philadelphia Wholesale Flower Market.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 24.

	Per doz.
Beauties, Specials	$2.00 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	4.00 to 6.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 5.00
Liberty	3.00 to 6.00
Carnations, Common	1.00
" Select	2.00
" Fancies	3.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Callas	6.00 to 8.00
Harrisii	6.00 to 8.00
Sweet Peas	.35 to .50
Peonies	1.50 to 2.00
Cape Jasmine	.50 to .75

Milwaukee, May 24.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00 to 4.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	10.00
Lily of the Valley	1.50 to 2.00
Sweet Peas	.75 to 1.00
Daisies	.50
Cape Jasmine	1.50 to 2.00
Peonies	6.00 to 8.00

Pittsburg, May 24.

	Per 100
Beauties, Specials	$25.00
" Extra	20.00
" No. 1	$10.00 to 12.00
" Shorts	2.00 to 4.00
Brides and Maids	2.00 to 3.00
Cusin	2.00 to 6.00
Liberty	3.00 to 12.00
Chatenay	4.00 to 8.00
Perle	2.00 to 6.00
Carnations	1 00 to 3.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	2.00 to 4.00
Lily of the Valley	3.00 to 4.00
Smilax	12.00 to 20.00
Lilies	10.00
Sweet Peas	.20 to 1.00
Daisies, White	.50
Daisies, Yellow	1.00 to 3.00
Mignonette	2.00 to 3.00
Pansies	.50
Candytuft	1.00 to 2.00

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

Roses, Carnations, Lilies, Peonies, Sweet Peas, Marguerites, Daisies, Smilax and Ferns

FOR

Decoration Day

Place your orders early to insure the choicest stock.

Write, Wire or Phone.

WM. MURPHY, WHOLESALE FLORIST

128 E. 3d St., CINCINNATI, O.

Day Phone, M-980. Night Phone W-1191 R.

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LOUIS H. KYRK

Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 E. 3rd St., CINCINNATI, O.

Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

Mention The Review when you write.

The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention The Review when you write

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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Geo. H. Angermueller

Wholesale Florist

Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, May 24.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	.50
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Narcissi, Romans	2.00 to 3.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Daffodils	.25 to 3.00
Dutch Hyacinths	3.00 to 6.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.50 to 1.00
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00

Cleveland, May 24.

	Per doz.
Beauties, Specials	$3.
" Extra	2
" No. 1	2.0
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$3.00 to $8.00
Meteors	4.00 to 10.00
Carnations	1.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	3.00 to 4.00
Sweet Peas	.50 to .75
Peonies	50c to 75c per dozen

C. E. CRITCHELL,

Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

Asparagus Plumosus, 10 feet long, extra heavy, 50c per string.

"Green Goods" are my Specialties.

36 East 3rd St., CINCINNATI, O.

Mention The Review when you write

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

Mention The Review when you write.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street

St. Louis

Long Distance Telephone MAIN 2018-M

Mention The Review when you write

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

J. J. Habermehl's Sons
Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.
1224 F Street, Northwest,
Washington, -- D. C.

Houghton & Clark
434 Boylston Street,
Boston, Mass.

HAVE YOUR
RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place. CHICAGO.

Julius Baer,
138-140 E. Fourth Street,
Long Distance Phone.
Cincinnati, Ohio

The Park Floral Co.
J. A. VALENTINE, Pres. DENVER, Colo.

ATLANTA FLORAL CO.
41 Peachtree Street, ATLANTA, GEORGIA

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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2319 AVENUE M. Galveston, Tex.

FRED C. WEBER, FLORIST,
4326-28 Olive Street, St. Louis, Mo.
Established 1873.
Long Distance Phone Bell Lindell 676.

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Artistic Work. Careful Attention.
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All Orders Given Prompt and Careful Attention.

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NEW YORK CITY
Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : - :
Telephone Calls: 340 and 341 38th Street
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David Clarke's Sons
2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

LEIKENS,
7 E. 33rd St., New York City,
Near the Waldorf-Astoria.

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Orders Executed Artistically.
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Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144X. 104 So. Carolina Ave.

WILLIAM L. ROCK FLOWER CO.
KANSAS CITY, MO.

C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

Always Mention the....
Florists' Review
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White Ribbons —FOR— Commencement Bouquets.

We make them in Narrow, Medium and Wide Widths.

Taffeta, Satin Taffeta, Gauze.

Samples Free.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 Arch Street

Mention The Review when you write.

NEW CROP **Dagger Ferns**



$1.50 per 1000. They are the finest and largest ferns ever sold.

FANCY FERNS, $1.50 per 1000.

Bouquet Green, $7.00 per 100 lbs. **Bouquet Green Wreaths and Laurel Wreaths,** all sizes and prices.

Laurel Festooning, extra fine and full, 4c, 5c and 6c per yard, and made fresh daily from the woods. Send for sample of our Laurel Wreaths for Memorial Day use.

Bronze and Green Galax, 75c per 1000. Discount on large orders.

Send us your orders for Memorial Day NOW

and you will get the best to be had and at rock-bottom prices.

Satisfaction guaranteed. No matter how large or small the order it will be filled promptly and with the best and freshest stock right from the woods.
Telephone and telegraph orders will receive immediate attention.

Telegraph Office, New Salem, Mass. Long Distance Telephone Connection.

TELL US YOUR WANTS; WE WILL DO THE REST.

CROWL FERN CO., -- MILLINGTON, MASS.

Mention The Review when you write.

A. J. FELLOURIS



J. J. Fellouris, Mgr.

Wholesale and Retail Dealer in all kinds of

EVERGREENS



Fancy and Dagger Ferns

Bronze and Green Galax

468 Sixth Avenue

Between 28th and 29th Street

Tel. 2675 Madison Sq. **New York**

MARGUERITES

Fine 5-inch.

J. B. Braidwood, Successor to William Clark.

COLORADO SPRINGS, COLO.

Send for Price List.

Always mention the Florists' Review when writing advertisers.

J. A. VANDERVEST & CO.

PELLSTON, MICH.

Largest Wholesale Shippers of Fancy Cut Ferns, Lycopodium and Ground Pine.

Fancy Ferns	$1.00 per 1000
Lycopodium	3½c per pound
Ground Pine	2½c per pound

We ship same day that order is received.

Mention The Review when you write.

HARMLESSNESS OF ARSENICALS.

A bulletin of the Bureau of Entomology, U. S. Department of Agriculture, says that "Chemical analysis has shown that cabbage which has been dusted or sprayed with an arsenical and then prepared for cooking in the usual manner a week later, has not even a trace of arsenic remaining. The use of arsenicals against cabbage worms is almost universal in the United States, although growers are sometimes loath to acknowledge the fact for fear of the loss of customers who are not fully acquainted with the harmlessness of the remedy. There are no authentic recorded instances known to the writer of poisoning from the consumption of cabbage

Your orders for

LOUISVILLE, KY.

will be properly taken care of by

AUGUST R. BAUMER

THE MASONIC, 4th and Chestnut.
Long Distance Phones.

Mention The Review when you write.

treated with an arsenical. According to Gillette, twenty-eight cabbage heads dusted in the ordinary way, would have to be eaten by a human being at one meal in order to produce poisonous effects. Still it is preferable, in order to avoid all danger, to use other insecticides in the case of vegetables that are to be eaten soon. Under this head it might be well to cite the experience of a Virginia market gardener who dusted his cabbages with Paris green and flour, omitting to inform his family of the fact. A day or two later he ate heartily of this cabbage, as did others, and afterwards was questioned by his wife in regard to the peculiar powdery substance on the heads. Although poisoning was anticipated, no ill results followed."

THE WITTBOLD SPRINKLER.

The growers are interested in the mechanical watering and syringing device with which the George Wittbold greenhouses at Chicago have been equipped and which has been patented in the name of Louis Wittbold, its inventor. It consists of ½-inch pipe strung wherever desired and fitted with nozzles which make a continuous sheet of water with a pressure of only ten pounds. A swivel handle permits the stream to be directed wherever desired. Chas. Heim, of Blue Island, says: "I have bought an outfit which I shall install in my rose houses. My opinion, from seeing the device working at Wittbold's, is that it is just what roses need. It not only saves labor but it enables you to water more than once a day if needed, which you might not have time to do if you used the hose. It waters evenly and forces the roses from underneath, which is sure to catch the red spider and keep your stock nice and clean."

PINK VALLEY.

Mr. Walls, an old-time florist, has a bed 5x15 feet of lily of the valley full of pink bloom. No one who has seen it has ever seen its like, and Mr. Walls would like to know if he has something new. J. J. B.

We have heard of pink blossoms of this beautiful little flower for a good many years, but never have heard of its being grown as a commercial flower, and do not think we ever will, because white is its natural and proper color. We think the convallaria occasionally comes pinkish, but not a desirable pink, and that it may occur by some influence of the soil. If by selecting the best colored flowers you could get a pink, say such as a good Bridesmaid rose, there may be a place for it, but the natural color of purity of the flower, with its beautiful leaves, makes it the dainty favorite it is with all. Pink valley has been known for years, but only as a freak and would only be valued by people who pretend to admire the abnormal; sort of twisted minds. W. S.

DECORA

PEONIES

We Want Your Business.

RED

PEONIES

WHITE PINK

PEONIES

75c PER DOZ.

Write, Telegraph, Telephone--We do the rest.

75c

75c

KENNICOT

Wholesale Commission Florists.

40-42-44 Randolph St.,

Automatic Telephone
No. 7655.

TION DAY

DOZ.

We Have the Stock You Need.

DECORATION DAY PRICE LIST.

Subject to change without notice. Packing and Delivery at cost.

PEONIES--White, pink and red.....75c per doz.

American Beauties—	Per doz.
Long	$4 00 to $5 00
Fair length	3 00 to 3 50
Medium	2 00 to 2 50
Short	1 00 to 1 50
	Per 100
Brides, select	$6 00 to $ 7 00
Brides, good average	4 00 to 5 00
Bridesmaids, select	6 00 to 7 00
Bridesmaids, good average,	4 00 to 5 00
Liberty	5 00 to 15 00
Meteor	5 00 to 12 00
Chatenay	4 00 to 7 00
Golden Gate	4 00 to 7 00
Perles, select	4 00 to 7 00
Roses, our selection	4 00

Carnations—	Per 100
Special fancy varieties	$3 00 to $4 00
Good average	2 00 to 2 50
Harrisii	10 00 to 12 00
Callas	8 00 to 10 00
Cape Jasmine	1 00 to 2 00
Valley, our specialty, best	4 00
Iris.....50c doz.,	4 00
Daisies	1 00 to 1 50
Sweet Peas	75 to 1 50
Mignonette	2 00 to 4 00
Smilax	18 00 to 20 00
Adiantum	75 to 1 00
Sprengeri	2 00 to 4 00
Asparagus, per stg., 30c-50c	
Common Ferns, per 1000, $2 50-$3	30

Send to us, now, for Decoration Day, at any time—advance orders or rush orders, and you will get the stock you want if it is to be had in Chicago. For years we've had the reputation of filling orders when others fail.....

Write, Telegraph, Telephone--We do the rest.

PEONIES

DOZ.

BROS. CO.

Dealers in Florists' Supplies.

Long Distance Telephone
Central 466.

CHICAGO.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E W Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden Springs, Ind., June 14-17, 1905.

THE end of the season sees little material for the annual bonfires.

JACKSON BROS. are starting in the nursery business at Sigourney, Ia.

THE demand for hardy Japanese nursery stock is steadily on the increase.

THE report is of a very successful season for nurserymen on the Pacific coast.

PACIFIC coast nurserymen are sending small quantities of stock to Hawaii.

THE Jonathan apple is a popular variety in Australia and the nurserymen there are offering large blocks of it.

THE United States Nursery Co., now has upwards of 200 acres of roses, beside shrubs and some herbaceous stock at Rich, Miss.

THE forthcoming Yearbook of the Department of Agriculture will contain a paper entitled "Promising New Fruits," by Wm. A. Taylor.

OF all the conifers there is none more popular than the Colorado blue spruce, and the Koster variety is very generally grown. It has been in large demand this season.

THE consensus of opinion seems to be that the nurseryman who neglects to subsoil where he has stiff soil is failing to get the best possible root system on his stock.

HARLAN P. KELSEY, for the program committee, announces that Assistant Secretary Willet M. Hays, of the U. S. Department of Agriculture, Washington, D. C., has consented to be at the convention of the American Association of Nurserymen at West Baden Springs, Ind., June 14 to 16, and will talk on plant breeding. Mr. Kelsey feels that his presence will materially increase the interest of the meeting and trusts the attention of all the nurserymen will be called to the matter and others interested largely in fruit growing. It is expected Mr. Hays will speak Thursday evening, June 15, at 7.45 p. m.

THE Wm. H. Moon Co. reports that this season will probably total the largest sales in the history of the business, without any abnormal features.

A HARDY Japanese evergreen which makes a beautiful specimen on a lawn is Sciadopitys verticillata. It is of compact conical form. There is a variegated variety.

THE nurserymen in southern Indiana are getting ready to entertain company next month. Only once before in its twenty-eight years has the national association met in that state.

THE SEASON'S BUSINESS.

The following summaries of the season's nursery trade have been received from well known firms:

T. S. HUBBARD CO., Fredonia, N. Y.—Our business has been very satisfactory and in every line we handle we are cleaned up on almost everything. We do not recall any unusual feature in the trade the past season, except perhaps the fact that it continued later than usual, owing probably to the cool, backward spring.

P. J. BERCKMANS CO., Augusta, Ga.—The nursery business for the past season has been unusually heavy. The demand for the commercial varieties of peach trees was extremely heavy. Notwithstanding the immense area in the south now planted in commercial orchards, the planting does not seem to be decreasing. Already there is a great demand for peach trees for fall planting. An unusual and most healthful feature is the growing demand for hardy ornamental trees and plants. The desire for beautiful grounds is becoming very contagious, and we have a large number of landscape contracts on hand. The planting of nursery stock is far in excess of that of previous years.

DWARF BOX!

3 to 5 inches. $25.00 per 1000. 2 to 4 inches. $20 00 per 1000.
SPECIMEN EVERGREENS in assortment. Prices upon application.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

M. GIELEN, Oudenbosch, Holland
Largest grower of Field-Grown Roses on the continent.
MANETTI STOCKS for fall delivery. Well rooted, fine stock 7—10 mm., $5.00 per 1C00; $400.00 per 100,000. Correspondence solicited.
New Catalogue Now Ready. Ask for same.
Mention The Review when you write.

FINE DORMANT 2-year Field-Grown Stock.
Hardy Roses—Gen. Jacqueminot, La France, Magna Charta, American Beauty, Crimson Rambler, etc., first size, 12c; second size, 8c. Crimson Rambler, XXX, 20c. Hardy Phlox, finest named, strong, 8c. Peonies, strong, finest sorts, 12c. Hydrangea P. G., 10c; splendid tree shaped specimens, 30c. Dahlias, fine, named sorts, 8c. Golden Glow, strong roots, 4c. Hardy Shrubs, Trees, etc., many varieties, prices on application. (See my Adv. of Pot Plants.) Packing free for cash.
W. H. SALTER, ROCHESTER, N. Y.
Mention The Review when you write

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

PRIVET HALF PRICE
12 to 18 in.....$7.00 per 1000
18 to 24 in.....10.00 per 1000
2 to 3 feet.....15.00 per 1000
Mention the above prices when ordering.
300,000 Roses, 2 and 4-in. pot plants, extra fine. Prices and varieties on application.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

BAY TREES
HEADQUARTERS
The Julius Roehrs Co.
RUTHERFORD, N. J.

H. M. ROBINSON & CO.

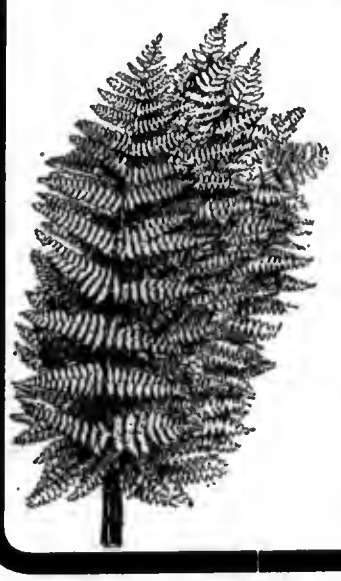
8 and 11 Province St., Boston, Mass.

HARDY DAGGER FERNS.....**$1.50 and $2.00 per 1000**

BRONZE and GREEN GALAX, $1.00 per 1000.

BOUQUET GREEN, $7.00 per 100 lbs.

Sphagnum Moss, Laurel Festooning and Leucothoe Sprays.



MEMORIAL DAY FLORISTS' SUPPLIES



of all kinds, such as Milkweed, Cape Flowers, Immortelles, Cycas Leaves, Ribbons, Cut Wire and Wire Designs and all kinds of Letters.

Order Early—Owing to the late spring the supply of Ferns will be limited.

BABY RAMBLER

Ever-Blooming Dwarf Crimson Rambler.

A gem among Roses. An ever-blooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every Florist in the land should have it. 2¼-inch pot plants, **now ready for delivery,** $2.50 per doz.; $17.50 per 100; $150.00 per 1000.

THE DINGEE & CONARD CO., West Grove, Pa.

Mention The Review when you write

PEONIES

200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. **E. Y. TEAS, CENTERVILLE, IND.**

Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.

J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

HYDRANGEA, blue and pink, very fine plants, suited for planting out, $35.00 to $75.00 per 100. Hydrangea Azurea, transplanted cuttings, $4.00 per 100.
BAY TREES, a splendid lot just in. Standards, $9.00 to $24.00 a pair. Pyramids, $9.00 to $30.00 a pair. **BOXWOOD,** in painted wooden tubs, great value, $3.50 to $4.00 a pair.
KENTIAS, PHOENIX, etc.

Anton Schultheis, College Point, L. I., N. Y.

Mention The Review when you write.

PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application.

All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY,

504 W. Peterson Ave., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

Everblooming Roses

Surplus stock of standard varieties of **EVERBLOOMING BEDDING ROSES** at prices that will close them out.

Strong, healthy stock from 2½-inch pots, to include Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen Scarlet, etc.

Strictly our choice of varieties in good assortment, $2.00 per 100; $17.00 per 1000.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

ROSES

From 2½ Inch Pots.

Especially fine lot of **Hybrid Perpetuals, Climbers and Ramblers.**

Send for price list. Use printed stationery. We send it only to the trade.

Jackson & Perkins Co.

NEWARK, NEW YORK.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues Our Specialty. Get our figures.

83-91 Plymouth Place, CHICAGO.

Mention The Review when you write.

700,000 Cal. Privet

	Per 100	Per 1000
3 yrs., 2½ to 8 ft., extra heavy.....	$3.25	$28.00
3 yrs . 2 to 2½ ft., well branched..	2.50	23.00
3 yrs., 18 to 24 in., well branched..	2.00	15.00
3 yrs., 12 to 18 in., 4 to 8 branches.	1.50	10.00
2 yrs., 3½ to 4 ft., very heavy.....	3.00	25.00
2 yrs., 2½ to 3 ft., well branched ..	2.25	18.00
2 yrs., 2 to 2½ ft., well branched...	2.00	15.00
2 yrs., 2 to 2½ ft., 3 to 6 branches..	1.50	10.00
2 yrs., 18 to 24 in., 5 to 8 branches..	1.50	10.00
1 yr., 14 to 20 in., 2 to 4 branches...	1.25	7.00
1 yr., 10 to 14 in., 1 to 2 branches...	1.00	5.00
Cuttings, strong		.75

Tree form, 3 yrs., heads 4 to 5 ft., 25c each.

All the above plants have been transplanted and cut back except one year, which makes them clean, good stock. Parties wanting 5,000 or over, will write and get better rates.

RIVER VIEW NURSERIES,
J. H. O'Hagan. LITTLE SILVER, N. J.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

PACIFIC COAST.

FRESNO, CAL.

The season just ended has been one of the most successful for many years in this locality. The nurserymen have all made a complete cleaning-up of stock at prices which were favorable. Some of our leading firms are already booking orders for next season's delivery, indicating a heavy run on standard varieties of fruit trees and vines.

A visit to the plant and propagating department of S. W. Marshall & Son will show that the firm, while busy filling orders and handling the season's business, has also been keeping pace with the progress of the times by rebuilding the old greenhouses and erecting new ones constructed along the most modern lines. They now have the most complete propagating plant on the Pacific coast. Ash.

LOS ANGELES.

The recent flower show in Masonic hall, under the direction of P. D. Barnhart, was so successful that there is a probability that it will be an annual feature in the future. There was a large variety of stock shown but only a few of the possible exhibitors were represented. Among the trade exhibitors were the Germain Seed Co., the Pacific Nursery Co., Sycamore Grove Nursery, Howard & Smith, Theodore Payne, Figueroa Nursery, John Getz, Rees & Compere, Mrs. Meserve, Etheline Lord, W. S. Way and Mrs. Nefroney. A number of gardeners for private places were exhibitors. Among them were John Reeves, gardener for Eben Smith; Arthur Brown, gardener for Walter Newhall; Pierre Maquel, gardener for Homer Laughlin; Mr. Banks, gardener at the Girls' Collegiate School; Gus Peterson, gardener at Singleton Court, and Edmund Burke. The show lasted two days, closing May 13, and attracted a very large number of visitors.

SAN FRANCISCO.

The Market.

There has been quite a spurt of funeral orders for the past week and white stock of all kinds has been used up in consequence. Outside of this there is little doing, although some of the florists have a good many orders booked for Decoration day for out of town shipments. But the weather has been so favorable throughout the interior of the state this season that I am under the impression that less shipping than usual will be in order for Decoration day. Flowers of all kinds are very plentiful and cheap. Roses and carnations, unless they are extra good, can be had at any price and only the finest stock is in demand at all.

Various Notes.

G. W. Simmons, of Elmhurst, has laid the foundation for another 150-foot rose house.

Mrs. C. H. Stegman, mother of H. H. Stegman, for many years foreman of Gill's Floral Depot, Oakland, died May 15, aged 49 years.

Haywards, Cal., expects to be the site of one of the University Horticultural Experimental Gardens shortly to be established.

The California State Floral Society met last Friday and made plans for the exhibits to be held during 1905 and 1906.

Domoto Bros. have advertised their Central avenue nursery for sale. They will concentrate all their business at their Elmhurst nurseries.

Serril Winsor, the flower pot man, is installing a new pot making machine in his pottery in Oakland. G.

FUTURE OF PLANT GROWING.

For some unaccountable reason the majority of the smaller nurseries in the neighborhood of the larger cities in California are giving up the growing of pot plants and general nursery stock and confining their energies to the cut flower trade. The general opinion seems to be that more money is to be made, and with much quicker returns, from a few houses filled with carnations, roses or lilies, than from the same space devoted to shrubs, palms, hardy ornamental trees, etc. As a consequence the plant growing of this coast is gradually passing into the hands of a few large nurseries and, as there is no decrease in the demand for well grown stock, it seems to me a mistake for the small growers, many of whom had reputations established for the growing and handling of certain lines of stock, to allow this most profitable branch of our business to slip from them.

The demand for nursery stock of all kinds is greater now than ever in this constantly growing state, and, judging by the imports from the eastern nurseries and Europe, our local men cannot come anywhere near filling the coast orders. With the majority of hardy ornamental trees and shrubs it takes several years to grow a salable stock and this fact deters many who are now in the flower growing business, but there is an ever increasing demand for well grown stock and the growers who can see a few years ahead are bound to strike it right if they devote their time to the general plant growing, and particularly if they specialize along any of the dozen or two lines which could be easily named. G.

WILD FLOWERS.

It is surprising what a vast quantity of native wild flowers are used by the florists in and around San Francisco, and the quantity keeps increasing year by year. It is only a few years ago that such stock was called "rubbish" by the larger retail firms and they would not handle it at all. But the taste for wild blooms has been cultivated to a considerable extent and now all the dealers use them. The season lasts usually about two months, generally commencing in the middle of March. They are gathered in our nearby hills and valleys and as they are not usually good keepers they have to be handled as carefully as any other kind of flowers.

The first in importance is the California poppy, Eschscholtzia Californica. Hundreds of bunches are picked and marketed daily from our surrounding country. The fact that it is the emblematic flower of California has much to do with its popularity. Yellow cream cups, Platystemon Californicus, are in great favor with the public at this time. The yellow and blue lupine, Lupinus arboreus, is also much liked. The Brodiæa volubilis, or twining hyacinth, is a showy purple bunch of small flowers. They are easily kept for a week in water. The western goldenrod is not in bloom

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45.00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.

Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

FREESIA.... Refracta Alba and Hybrids

5,000,000 to dig this season.

Price and quality of stock cannot be beaten.

Also Grand Duchess Oxalis, all colors; Bermuda Buttercups, Tritonias, Ixias, Sparaxis, Chlidanthus Fragrans, Zephyranthes, Candida and Rosea Ornithogalum, Amaryllis Johnsoni and Belladonna. Will begin digging in May and deliver in June and July.

REES & COMPERE,

P. O. Address, Long Beach, Cal., R. F. D. I.

Araucaria Excelsa

From 2½-inch pots, extra strong plants, with 2 and 3 tiers, 6 to 8 inches high, at $16.00 per 100.

F. LUDEMANN,

3041 Baker St., SAN FRANCISCO, CAL.

CALIFORNIA FIELD-GROWN

Freesia Bulbs.

Per 1000		Per 1000
¼ to ⅜-inch bulbs, $1.25	½ to ⅝-inch bulbs,	$3.85
⅜ to ½-inch bulbs, 2.05	Mammoth bulbs...	6.40

Bulbs delivered, express prepaid.
Rates on orders for over 5000.

H. N. GAGE, Burnett, Cal.

Mention The Review when you write.

CARNATIONS

We offer first-class stock of the finest varieties.

Strong Rooted Cuttings

Variegated Lawson This variety which we are introducing this season we are sure will prove to be the very best variegated sort. Pure ivory white with delicate carmine pencilings. Mr. W. N. Craig, an authority on everything pertaining to horticulture, says that he knows that this variety will out-bloom the favorite, Mrs. M. A. Patten, three to one. It has the Lawson habit and stem, and is bound to give satisfaction. $12 per 100; $100 per 1000.

Red Lawson A bright red sport of Lawson that is bound to be popular, and will be grown where Lawson is popular. $10.00 per 100; $75 per 1000.

Cardinal Bright cardinal, or crimson-scarlet. Won first prize for best 100 scarlet, first prize for best 50 carnations any color, first prize for best 50 scarlet seedlings, Chicago. $12.00 per 100; $100 per 1000.

Fiancee The queen of pink carnations; in a class by itself. Magnificent flowers, strictly fancy in every respect. $12.00 per 100; $100.00 per 1000.

White Lawson We consider this variety, which we introduced last season, the most profitable white carnation ever sent out. We think it will outbloom any other white two to one. It has given great satisfaction. When the flowers are left on the plants until fully developed they are much larger than Mrs. Thos. W. Lawson. We believe this will occupy among white carnations the same place that Mrs. Thos. W. Lawson does among pink carnations. Remember that we are headquarters for it. Splendid stock ready for immediate delivery. $7.00 per 100; $60.00 per 1000.

Fred Burki Recommended as an extra free-blooming white variety and a claimant for popular favor. $12.00 per 100; $100.00 per 1000.

Lady Bountiful A magnificent white of last season's introduction. $6.00 per 100; $50.00 per 1000.

Daheim Dark crimson. Grand stiff stem. Calyx never bursts. Free and abundant bloomer, developing very quickly. We consider this the best all-round crimson carnation. $6.00 per 100; $50.00 per 1000.

Mrs. M. A. Patten This grand variegated carnation has given splendid satisfaction. $6.00 per 100; $50.00 per 1000.

Enchantress Freest blooming, bringing highest market prices. In great demand. $4.00 per 100; $30.00 per 1000.

Mrs. Thos. W. Lawson $3.00 per 100; $20.00 per 1000.

Prosperity A magnificent fancy carnation. $3.00 per 100; $20.00 per 1000.

We are now prepared to book orders for 1906 for **the Coming Scarlet Carnation Victory** This is a real bread and butter variety. An early, free and abundant bloomer, with good stem; a magnificent keeper and shipper: flowers of the largest size, commanding the very highest price. This is going to be a money-maker. Orders will be filled in rotation, as received. Delivery beginning December next. $12.00 per 100; $100.00 per 1000.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

until the end of summer. Trillium Californicum makes a good flower and stem for decorative purposes. The tidy tips, Layia platyglossa, are very showy and are handled extensively.

There are several other varieties of wild flowers used but the above are those of most value and it is surprising what an enormous number are handled by the local retailers. G.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, May 24.—Cucumbers, 35c to $1 doz.; leaf lettuce, 15c to 20c case; head lettuce, 40c to 50c box.

BOSTON, May 22.—Prices firmer owing to cool weather. Lettuce $1 to $1.50 box of three doz.; cucumbers, $2 to $5 box; tomatoes, 15c to 20c lb.; parsley, $2 to $2.50 bu.; beets, 75c to $1 doz. bunches; carrots, 50c to 60c doz. bunches.

NEW YORK, May 22.—Cucumbers, $3 to $6 case; lettuce, $1.50 to $2.25 bbl.; mushrooms, 10c to 60c lb.; radishes, 40c to 50c 100 bunches.

PLANTING OUT.

Unless in the warmer states, it is unsafe to trust tender plants, such as tomatoes, egg plants and peppers, to the vicissitudes of the weather much before the first of June. We often see them planted earlier than this, but they make only slow progress until settled warm weather comes, so that there is nothing gained and always more or less danger of the plants being injured by frost.

As before advised in this column, the plants should be gradually hardened off before setting out. If this is properly attended to they will be all the better able to withstand an occasional cold night without check or danger of injury, unless actual frost occurs. Should the weather prove very dry, just after planting, water should be given, if possible, to assist the plants in getting a hold. This is often a matter of considerable trouble and expense where large fields are planted or where water is not convenient. Nevertheless the quicker returns and larger yield which the plants will give can be depended on to defray a little extra outlay, compared with what they would do if they were severely checked by excessive dryness.

Peppers are the easiest grown and easiest taken care of, requiring no training and seldom being troubled with insect pests. Once they have taken a good hold all they require for the rest of the season is cultivation to keep them free from weeds.

Egg plants, on the other hand, need pretty close watching to avert or check the attacks of potato bugs, to which they are very subject. We have found dusting with slug shot about the easiest and best remedy.

Tomato plants require considerable attention in regard to pinching and training, though fortunately they are not very liable to the attacks of insects. In large fields it is hardly practicable to train the plants to trellises, but where a limited number are grown, or in the home garden patch, trellises are certainly very advantageous. In the first place, it is easier to regulate the growth of the plants. The fruit sets better, matures more quickly and ripens much more evenly, besides, being up off the soil, they are always cleaner. Of course, it must be decided before setting out the plants whether they are to be trained or not and just what form of trellis is to be used, so that the plants can be set at the proper distance to suit. Where trellises are used it is much better to have them set in position before setting out the plants.

W. S. CROYDON.

TROUBLES OF A GROWER.

I would like to hear from the growers the best method to keep the night fireman awake. Being a vegetable grower, I do not have the potting to do that florists have. I do not have trouble in zero weather but when less firing is needed and there is longer between, then is where the firemen take naps and let the temperature run down and chill the cucumbers. I have thirteen large houses and two steam boilers. It means a great loss if the temperature runs down. They say hire competent help! How do you know? I have had what I supposed were reliable men and was deceived and have come to the conclusion to put in a system that they cannot go to sleep and neglect their duty without my knowing it.

P.

LETTUCE HOUSE.

What should a lettuce house cost 20x 200 feet, complete with hot water heating apparatus and boiler house, say 20x 20 feet? Is there any way of telling the value of two crops of lettuce raised in such a house? J. M.

There is no way to build a lettuce house cheaper than any other house. If you use cheap lumber, cheap posts and single-thick glass you are going to have a continual patching and mending, and the heating, although you do not need so much of it, must be put up in the best style and with the most economical heater you can buy. The more substantially you build, in ten years it will be cheapest. Much will depend upon how practical you yourself are at building. If you know all about how to put together a house and can hustle through the piping you can assuredly save a good deal; that is, if you are not neglecting other important work. With all these "ifs" and repeating that material must be of the best, you might build, and heat such a structure, 20x200, for $1,800 to $2,000. W. S.

NARCISSUS BULBS.

Are the bulbs of Paper White narcissus worth saving for flowering a second time? L. M. B.

Certainly they are not. They are always forced early and you could not afford to keep them on the benches and give them the treatment that would prepare them to flower another year. They are also very inexpensive. We do not think it practical or advisable in any way and must say decidedly, do not attempt it for one minute. W. S.

WASHINGTON, D. C.—Prof. B. T. Galloway, chief of the Bureau of Plant Industry, Department of Agriculture, has just returned from a four weeks' trip through the west.

READY NOW

CHRYSANTHEMUMS Majestic, White. Madonna, Pink. Adelia, White.
No better varieties grown.

SNAPDRAGONS White, Pink, Yellow, $6.00 per 100; $50.00 per 1000.

ROSES LA DETROIT, 2½-in $8.00 per 100; $75.00 per 1000. 3½-in., $12.00 per 100; $100.00 per 1000. GEN. MacARTHUR, 2½-in., $8.00 per 100; $75.00 per 1000. From benches, $10.00 per 100. PAPA GONTIER, 2½-in, $4.00 per 100. MME. HOSTE, 2½-in., $4.00 per 100. MILDRED GRANT, 2½-in., $10.00 per 100.

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

Mention The Review when you write.

LAPAGERIA.

Will you kindly give me a description of the climbing plant lapageria and its botanical name? S. L.

The lapageria is a half-hardy evergreen climber allied to the smilaxes. L. rosea is the only species. The common name is Chilean bellflower. The acuminate leaves are produced alternately. The bell-shaped flowers are large and showy, borne in the upper axils. The flowers of the species are rose colored, but there are white and several named horticultural varieties. It is a suitable plant for walls or rafters in a cool house or for outdoors in the milder parts of the country. It is not of easy culture, but Prof. Bailey says it is worth a wider use in America.

LIFTING HYACINTHS.

A correspondent writes: "Tell us through the Review the cause of hyacinths dropping their flowers after being brought into the house. I lost fully one-half of my hyacinths. The flower spike pulled out before opening the flowers. Is it a disease or bad management?"

We have in some seasons lost a good many, but this year not over a dozen out of 2,000. It nearly always occurs with the early forced plants, when the bud is small and low down among the leaves. We do not think it is any fault of the bulbs, as there is no sign of disease above or below where the stem separates. The buds sit there surrounded with leaves, looking perfect until you lift and find that it is entirely severed immediately below the flower. Our own solution (and this may be wrong) is that the leaves clasping the bud tightly shoot up quicker than the flower and with strength sufficient to break it off. W. S.

A FLORAL CARPET.

I intend to make a floral carpet and I would like some florist to please give instructions how to build the frame and give the width of same. W. D.

At first I was under the impression that what is known as a carpet bed was meant, but it seems that a design in cut flowers is intended and to be the design of a carpet. If not more than four or five feet square a frame of ½-inch boards with a 2-inch or 3-inch edging would do, but there should be two 6-inch boards running across the frame to stiffen it. This frame or box could be filled with sand and covered with ferns and the edges painted green. If the design is larger, then the simplest way would be to put down strips 1-inch to 3-inch and fastened securely and then fill in with sand and cover with ferns. This would necessitate the design being made on the sod. If six feet or over a plan of the design should be drawn to a scale, say one foot in six feet, and if the design was correctly drawn it would be simple to work it out full size. W. S.

Culture of Grafted Roses sent on receipt of 25c.—Florist's Review.

ROSE PLANTS

OWN ROOTS. STRICTLY FIRST-CLASS STOCK.

De Brabant,	White Rambler,	Marechal Niel,	Malmaison,
Ivory,	Clothilde Soupert,	White Maman,	Pink Rambler,
Meteor,	Etoile de Lyon,	Duchess of Albany,	Yellow Rambler.
The Bride,	Maman Cochet,	Helen Gould,	Hermosa. Phila. Rambler.

From 2½-inch pots, $2.25 per 100; $18.00 per 1000.

Crimson Rambler,	Perle des Jardins,	Gen. Jacq.	Kaiserin Aug. Victoria,
La France,	Vick's Caprice,	P. C. de Rohan,	
Mme. Chas. Wood,	Capt. Christy,	Mme. Plantier,	Sunrise,

From 2½-in. pots, $3.00 per 100. $25.00 per 1000.

VINCA VAR., 2-inch pots, from cold frame, $2.00 per 100.
Salvia, $2.00 per 100.
Packed light and free of charge.

C. M. NIUFFER, Springfield, Ohio.

Mention The Review when you write.

Carnations and Cannas

SPEAK QUICKLY.

2000 fine Carnation plants from flats, ready to plant outside and hardened off. Queen Louise, $2.00 per 100; Joost, $1.50 per 100; Prosperity, $2.00 per 100. All same per 1000.

10,000 fine potted Cannas, well established. Leading bedding sorts, $1.00 per doz.; $6.00 per 100, including Bronze Leaved and Glorioса, 2½ ft. gilt edge for outside row, 20 varieties.

DORMANT CANNAS, all colors, not named, $1.50 per 100. Lots of Heliotrope, 2c; Verbenas, 2c; Scarlet Sage, 2c; Clematis Paniculata, 3 year, 10c; Ampelopsis Veitchii, pot-grown, dormant, long tops, 4c; Vinca Major Var., 4-inch, 8c; 2½-inch, 3c. All cash or C. O. D. All lists.

BENJ. CONNELL, WEST GROVE, PA.

Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.
Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

Mention The Review when you write

BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in.	$8.00
Heliotrope, 3 and 4-in.	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in.	2.50
Verbena, 2½-in.	2.50
Lobelia, dwarf and tall, 2½-in.	2.25
Alyssum, 2-in.	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in.	5.00
Tomato Plants	per 1000, $8.00

Cash, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

ORCHIDS

Arrived in splendid condition direct from the woods the following Orchids: Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia Candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also Catalogue of established Orchids.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Always mention the Florists' Review when writing advertisers.

CARNATIONS, Rooted Cuttings.

WHITE.	Per 100	Per 1000
CHICAGO WHITE	$12.00	$100.00
BOSTON MARKET	2.50	20.00
QUEEN LOUISE	1.00	9.00
FLORA HILL	1.00	9.00

PINK.	Per 100	Per 1000
INDIANAPOLIS	$ 5.00	$45.00
LAWSON	2.00	15.00
NELSON	1.50	12.50
GUARDIAN ANGEL	1.00	9.00
RED.		
RICHMOND GEM	10.00	75.00

RED.	Per 100	Per 1000
CRUSADER	$ 5.00	$ 45.00
ADONIS, ESTELLE	2.50	20.00
LIGHT PINK.		
PHYLLIS	12.00	100.00
MORNING GLORY	1.50	12.50
HIGINBOTHAM	1.00	9.00

ROSES! From 2 1-2 inch Pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALIND ORR ENG.	25.00	200.00
AMERICAN BEAUTY	$5.00	$40.00
LA DETROIT	6.00	50.00

AMERICAN BEAUTY—Bench plants ..... $5.00 per 100; $40.00 per 1000

	Per 100	Per 1000
PERLE von Godesberg	$5.00	$40.00
LIBERTY	5.00	45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

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HEADQUARTERS
..... FOR .....
KILLARNEY

Siebrecht & Son,
ROSE HILL NURSERIES,
New Rochelle, N. Y.

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ROOTED CUTTINGS
.....OF.....
Chrysanthemums

Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 per 1000.

VIOLETS, from 2-inch pots.

Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell, doubles, all at $2.50 per 100; $20.00 per 1000.

Eli Cross, Grand Rapids, Mich.

Mention The Review when you write

Beauty Plants

An especially fine lot of stock from 2½-inch pots; stock such as we are planting for ourselves. $4.00 per 100; $35.00 per 1000.

JOHN MUNO
ROGERS PARK, CHICAGO, ILL.

Mention The Review when you write

CARNATIONS! CARNATIONS!
Fine, strong, healthy, well rooted cuttings.

Prosperity	$2.00	per 100
Joost	2.00	"
Lawson	2.00	"

ALL GUARANTEED STRONG, HEALTHY STOCK.

Salvia, new dwarf variety	per 100,	$0.75
Coleus	"	.75
Verbena	"	.75

Above prices cash with order.
JOHN BROD, NILES CENTER, ILL.

Mention The Review when you write

SPECIAL OFFER

Having disposed of my greenhouses I offer stock as follows for the next thirty days, viz.:

	Per 100
8,000 Large Clumps ASPARAGUS PLUMOSUS	$10.00
5,000 2½-inch SPRENGERI, very large stock	2.00
500 6-inch SPRENGERI	10.00
2,000 SALVIA BONFIRE, 4-inch pots	8.00
1,000 3-year-old grafted KAISERINS, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter	10.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. and 58th Street PHILADELPHIA, PA.

Mention The Review when you write.

ORCHIDS -- Rare Chance

Before removal to California I desire to dispose of about fifty

Hybrid Cattleyas, Laelias and Laelio-Cattleyas, Duplicate Plants.

Also a few hundred ESTABLISHED CATTLEYAS, LABIATA, MOSSIAE, MENDELLII, SCHROEDERAE and TRIANAE.

Prices—5 to 7 bulbs, $1.50; 7 to 9 bulbs, $2.00; 9 to 12 bulbs, $2.50; 12 to 15 bulbs, $3.00; 15 to 20 bulbs, $3.50; 20 to 25 bulbs, $5.00 each.

HYBRIDS, $5.00 each — while they last.

Dr. R. SCHIFFMANN, -- ST. PAUL, MINN.

EASIGOLD

If you are tired of the soft, flabby, Chrysanthemums that look like a rag the day after shipping, try this one. Will be grown long after the foreign "wonders" are forgotten. Nothing larger or better in its season October 8 to 15. Originator's stock; $3.00 per dozen; $12.00 per 100. June delivery, less money.

ENGLISH IVY, out of 3½-inch, strong, $1.50 per dozen; $10.00 per 100.

JAPANESE SEDGE, variegated, just the thing for fern dishes, 2-inch; $2.00 per 100.

Cash please.

FLETCHER OF AUBURNDALE
AUBURNDALE, MASS.

Mention The Review when you write.

YOU will find...
ALL the BEST offers
ALL the time in the Review's Classified Advs

ORCHIDS

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxalli, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii.

FRED VARDEN, 26 Summerfield St., FALL RIVER, MASS.

Mention The Review when you write.

Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write

WASHINGTON.

State of Business.

Business looks very much as though the season were nearing an end. Roses of all kinds are becoming small and have practically no value. Prices range up to $4 per hundred for the best, although quantities can be bought for as low as $3 per thousand. Carnations are holding up fairly well and sell at $1 per hundred. Sweet peas are fine, that is, outdoor stock, but if warm weather continues the season for them will be very short, as all outdoor stock is suffering for want of rain. From indications all stock will be scarce for Decoration day. Peonies are at present in full glory and moving fairly well at $1 per dozen or $6 per hundred.

Bedding plants of good quality seem to be very scarce, hence in demand. Quite a number of the new Baby Ramblers have been offered to the trade in two-year-old sizes and in fine shape, but they do not seem to take at the price asked, $1 each.

Various Notes.

The various committees for the coming convention are beginning to do active work. The chairman of finance, J. R. Freeman, has let the contract for the souvenir book. From the proofs it promises to be the most handsome book ever distributed at an S. A. F. meeting. The engravings to be used are of public buildings and surroundings of Washington, as well as the historical places around Alexandria and Mt. Vernon.

On account of the busy season bowling has been practically forgotten. The chairman, Capt. Ernest, has called his team together for work this week. No doubt the boys need practice and lots of it. F. H. Kramer, in charge of the ladies' team, started out with two in line at the Palace alleys. With the assistance of Capt. Ernest it required lots of coaxing to get them even to go to the alleys, but the result was not bad. For the first few throws balls went in every direction. The results of the first three games were:

Player.	1st	2d	3d
Mrs. Oliver	37	60	47
Miss Beatrice Smith	31	48	76

The next practice game will no doubt draw out a fair attendance. The prizes for the ladies promise to be numerous and valuable. The $50 donated by F. H. Kramer will very likely go to the ladies. H. F. Michell Co., of Philadelphia, has also helped the ladies out considerably by donating $40. The alleys that have been secured for the ladies are by far the finest in the city. Six alleys on each floor, twelve alleys in all, with no liquor served in the building. The secretary of the ladies' bowling committee would like the names of every lady or ladies' club that will take part in the game. Kindly communicate with Miss Beatrice Smith, 916 F street, N. W., Washington, D. C., for particulars of any kind.

At this week's session the lady bowlers made the following score:

Mrs. Oliver	37	47	61
Annie Kramer	41	41	69
Beatrice Smith	31	69	82
Miss Munder	47	69	70

Albert Esch has been added to the committee on ladies' bowling. The prizes for the ladies are to date: F. H. Kramer, $50; H. F. Michell Co., $40; Albert Esch, $25; F. W. Bolgiano, gold medal; C. J. Speelmans & Sons, gold medal.

Robert McClennen, of our bowling club, will leave June 1 for a two months' stay in Scotland.

The scores made at the latest men's meeting are as follows:

Player.	1st	2d	3d	4th
Cooke	207	149	105	173
McClennen	168	156	130	
Richmond	171	156	173	
Ernest	159	159	136	191
Simmonda	190	152	135	
Esch	114	143	155	
Kramer	84	157	122	

Supt. Cook has been very busy receiving applications for space in the exhibition hall.

Recent visitors: Fred Michell, of H. F. Michell Co., and S. S. Skidelsky, Philadelphia, and quite a few nurserymen from Holland. F. H. K.

Port Allegany, Pa.—Louis Reuter has resigned the management of the Port Allegany greenhouses and will remove to Philadelphia, where he has leased an establishment at Sixtieth street and Gibson avenue, taking possession June 1.

ROOTED CUTTINGS AND PLANTS.

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100
American Beauties	$5.00	$45.00	$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4.50	40.00	6.00
Golden Gates	$3.50	$30.00	$5.00
Bridesmaids	4.00	35.00	5.50

Cut Back Bench Beauties, $45.00 per 1000. **Meteors, Maids, Brides, Gates, Chatenay, Perles,** $2.50 per 100.

CHRYSANTHEMUMS.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Kalb	1.50	2.50
Robinson	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Wanamaker	1.50	2.50
Timothy Eaton	2.00	3.00
W. Bonnaffon	2.00	3.00
Chadwick	2.50	3.50
Crawford	2.00	3.00
Merry Christmas	1.50	2.50
Yellow.		
Monrovia	2.00	3.00
Parr	1.50	2.50
Sunshine	1.50	2.50
Whildin	1.50	2.50
Halliday	1.50	2.50
Appleton	2.00	3.00

Yellow.	R. C. Per 100	2½-in. Per 100
Bonnaffon	$1.50	$2.50
Reiman	2.50	3.50
Yellow Eaton	2.50	3.50
Chautauqua Gold	2.00	3.00
Nagoya	2.00	3.00
Pink.		
Lady Harriet	2.00	3.00
Pacific	1.50	2.50
V. Morel	2.00	3.00
Perrin	1.50	2.50
Xeno	2.00	3.00
Maud Dean	1.50	2.50
Quito	1.50	2.50
Pink Ivory	1.50	2.50
Shaw	1.50	2.50
Lady Hanham	2.00	3.00
Red.		
Intensity	2.00	3.00
Shrimpton	2.00	3.00

NEW VARIETIES.

White.	R.C. Doz.	2½-in. Doz.	2½-in. Per 100
Emily Mileham	$4.00	$5.00	$40.00
Mme. Paul Sahut	4.00	5.00	40.00
N. Pockett (cream)	.50	.75	4.00
Majestic (per 100)	10.00	....	15.00
Adelia "	10.00	....	15.00
Yellow.			
Mrs. Wm. Duckham (cup winner)	6.00	7.50	60.00
Merstham Yellow	4.00	5.00	40.00
Kimberly	.60	.75	....
Prima	.60	.75	....
Plumridge (per 100)	2.00	....	3.00
T. W. Pockett (per 100)	1.50	....	2.50

Pink.	R.C. 100	2½-in. Per 100
American Beauty	$2.50	$4.00
Cobbold	2.50	4.00
McNiece	2.50	4.00
Ben Wells (light pink)	2.50	4.00
Leila Filkins	2.50	4.00
Etherington	2.50	4.00
Dr. Enguehard	2.50	4.00
Marie Liger	2.50	4.00
Coombes	2.50	4.00
Wm. Duckham	2.00	3.00
Red.	R. C. doz.	2½-in. doz.
Sport of Duckham	$1.50	$2.50
Lord Hopetoun	.75	1.00

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for finest Cut Roses, Carnations, etc.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO

Mention The Review when you write.

After Easter Bargains!

AFTER Easter all florists need to replenish their stock. We here offer some exceptionally fine bargains. If you cannot take care of your needs now, you had better place your order and have us hold same for you until you can use the plants. In this way you are sure of having your stock secured when you need it, and avoid the usual disappointment of "stock sold" when you order same.

	Size pots	Per doz.	Per 100
Asparagus plumosus nanus, $20.00 per 1000	2-in.	$0.50	$2.25
" " "	3-in.	.60	4.50
Asparagus Sprengeri, $15.00 per 1000	2-in.	.40	1.75
Abutilons, 4 best sorts, all colors	2-in.	.40	2.50
Ageratums, best sorts, blue and white	2-in.	.30	2.00
Ampelopsis Veitchii	2-in.	.50	3.00
Anemone, Queen Charlotte and Whirlwind	2-in.	.50	3.00
Aloysia citriodora or lemon verbena, 1000, $20	2-in.	.35	2.50
Alyssum, giant flowered	2-in.	.30	2 00
Alternantheras, 2 sorts red and yellow, 1000, $18	2-in.	.30	2.00
Acalypha marginata, 1000, $20	2-in.	.40	2 50
Altheas or Rose of Sharon, plants, 5 colors	2-in.	.50	3.50
Anthericum	2½-in.		4.00
Achyranthes, 4 varieties	2-in.		2.00
Begonias, 10 best flowering sorts, 1000, $20	2-in.	.40	2.50
Clematis paniculata	2-in.	.50	3.00
Clematis, the large flowering, strong, 2-year, pot-grown plants, best sorts, including Jackmani, 30c each		3.00	20.00
Cestrum, or night blooming jasmine	2-in.	.40	2 50
Cyperus alternifolius, umbrella plant	2-in.	.40	2 50
Caryopteris, or blue spiraea, ardyh	2-in	.50	2 50
Cannas—All our Cannas are plants from pots, ready to grow right off, and are much superior to dormant eyes. All the choice varieties		.50	3.00
Cyclamen persicum giganteum, 1000, $25	2-in.	.50	3.00
Coleus in 20 best bedding sorts, 1000, $15	2-in.	.30	2.00
Coleus, Christmas Gem, new	2-in.	.50	3.00
Crotons, 20 leading sorts	2-in.	.50	3.00
Daisies, Marguerites, both yellow and white, very best varieties, 1000, $17.50		.40	2.00
Daisy, Shasta		.50	3.00
Dicentra spectabilis, bleeding heart		.75	5 00
Dracaena Indivisa, 1000, $20 00	2-in.		2 50
Dracaena Indivisa, strong	3-in.		5.00
Ficus elastica Rubber Plant, 12 to 15 inches		3.00	
Fern, Nephrolepis Scottii	2½-in.	2.00	12.50
Fern, Nephrolepis Exaltata, the old-fashioned Sword Fern valuable for vases, etc	2½-in.		3.00
Fern, Pteris Tremula, Shaking Fern	2-in.		4.00
Fern, Nephrolepis Bostoniensis	2-in.	.50	3.00
Feverfew, double white, 1000, $17.50	2-in.	.30	2.00
Fuchsias—We have a fine stock of all the best white and double purple and all shades of single		.40	2 50
Geraniums, ivy-leaved, in six best sorts		$0.50	$3.00
Geraniums, scented, in six best sorts		.50	2.50
Geranium, Mountain of Snow	2-in.	.50	3.00
Gladioli in best mixtures, 1000, $9		.40	1.00
Gladioli, Good & Reese International Mixture, 1000, $15		.50	2.00
Helianthus, hardy dwarf sunflower in two sorts, multiflorus double and rigidus, single	2-in.	.30	2.00
Honeysuckle, Hall's Japan Chinese Evergreen, Scarlet Trumpet and Golden-leaved, 1000, $22.50	2-in.	.40	2.50
Hibiscus, 10 leading sorts, double and single, 1000, $25	2-in.	.40	3.00
Jasmine, Grand Duke	2-in.	.50	4.00
Jasmine, grandiflora, poetica and revolutum	2-in.	.40	2.50
Jasmine, Maid of Orleans	2-in.	.50	3.00
Justicia, plume plant	2-in.	.50	3.00
Lemon ponderosa, the greatest of all plants for florists; blooms and bears enormous sized fruit; easily handled, 1000, $25	2-in.	.50	3.00
Lemon ponderosa, 15 inches high	3-in.	1.00	8.00
Lemon ponderosa, 20 inches high	4-in.	1.50	12.00
Lemon ponderosa, 36 inches high	6-in	5.00	
Lantana, weeping, fine for baskets and vases, 1000, $20	2-in.	.30	2.50
Matrimony vine, hardy	2-in.	.40	2.50
Orange, Otaheite	2-in.		3.00
Oleander, double pink	2-in		3.00
Poinsettia, 1000 $25.00	2-in.		3.00
Poinsettia	3-in.		5.00
Pittosporum Tobira, fine plants	2½-in.	.75	6.00
Primula Forbesi Baby primrose	2-in.	.50	2.50
Rudbeckia, Golden Glow, 1000, $20	2-in.	.40	2.50
Russellas, 3 sorts	2-in.	.40	2.50
Rhynchospermum jasminoides, 1000, $25	2-in.	.40	3.00
Salvias, 6 best sorts, 1000, $20	2-in.	.40	2.50
Solanum azureum or blue solanum	2-in.	.50	3.00
Swainsona, 2 sorts, white and pink	2-in.	.50	3.00
Sansevieria zeylanica, 1000, $20	2-in.	.40	2.50
Smilax, 1000, $18	2-in.	.30	2.00
Stapelia, star flower	2-in.	.40	2.50
Vinca major variegata, 1000, $20	2-in.	.40	2.50
Vinca major variegata	4-in.	.75	6.00

BABY RAMBLER ROSES, fine 2½-in. pots, $3.00 per doz.; $20.00 per 100. Address

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

Write for new Wholesale Price List today.

Mention The Review when you write

GOOD ROSES

Ready to plant now. Well-grown plants.

	2¼-in.	3-in.
Brides and Maids, per 100	$3.00	$5.00
Gates and Ivory, per 100	3.00	5.00
Meteors, Can. Queen, per 100	3.00	6.00
Hermosa, nice plants	3.00	5.00

BOSTON FERNS

2½-in. extra strong, $4.00 per 100; 5-in., $25.00; 6-in., $40.00, and 7-in., $60.00 to $75.00. Very good value.

W. H. GULLETT & SONS, - Lincoln, Ill.

AMERICAN BEAUTY

Plants from bench, $5.00 per 100; $40.00 per 1000.

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., CHICAGO

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READY NOW

Gen. MacArthur

The most prolific flowering Red Rose in the market today.

Grows finely in same temperature as Brides or Maids and will produce fully as many first-class flowers as either. 2½-inch pot plants, own roots, $10.00 per 100; $80.00 per 1000. Strong grafted stock from 3-inch pots, $12.00 per 100.

THE STORRS & HARRISON CO., - PAINESVILLE, OHIO.

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ROSES, CHRYSANTHEMUMS, FERNS

And a fine lot of Miscellaneous Greenhouse Stock.

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GEO. A. KUHL, PEKIN, ILL.

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CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

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62 Vesey Street——— NEW YORK CITY

ANNOUNCES AN **UNPRECEDENTED SALE** OF

PLANTS, FLOWERS, BEDDING STOCK, etc.

For DECORATION DAY

ALL OF WHICH WILL BE OFFERED FOR SALE AT

Retail and Auction... **Monday, May 29, next**

BEGINNING 9 a. m. THAT DAY

EVERYTHING POTTED FOR IMMEDIATE USE

THE TRAVELING FLORIST.

There are those among florists located in small cities, with other neighboring towns where there are no greenhouses, who find it an exceptionally good source of business to travel about with stocks of spring plants, spending a day or two in each town and advertising their presence in advance. Where there is a weekly newspaper in the town it is desirable to publish a small advertisement giving the temporary location, the dates of sale and mentioning some items of stock and prices. Where there is no newspaper to be used it is worth while to send a good boy three or four days in advance to distribute handbills. Then take a wagonload of plants, or more if experience shows it to be desirable, and a good business can be done at this season. Moreover, every sale made serves to advertise the regular business at its permanent location and those florists who each year visit a number of the surrounding towns are the ones who have a regular mail or telephone trade from those towns. It is worth while working up.

A PERMANENT PLACE.

The Auburn State Prison, Auburn, N. Y., has a fine greenhouse. It is in charge of a Buffalo life prisoner, Fritz Katoll, who was a professional florist before he went there, and is now a model prisoner and trusty. The grounds are fine and the warden's table and the hospital are kept well supplied with flowers.

I GET much pleasure and profit out of the REVIEW every week.—FRED HATCH, Scranton, Pa.

AUCTION SALE

THE COMPLETE FLORIST'S ESTABLISHMENT OF DITZENBERGER BROS.

Consisting of 19 greenhouses, 20,000 feet of pipe, 5 boilers, 2 horses, 5 delivery wagons (3 open and 2 covered), 500 sash, barns, stables, sheds, tools, implements, pots, stock of plants, etc.

will be offered at PUBLIC AUCTION, THURSDAY, JUNE 1, 1905

Beginning promptly at 11 a. m. and continuing until the entire plant is disposed of. This sale will be conducted on the premises of Messrs. Ditzenberger Bros., 75th St. and Fifth Ave., Bay Ridge, Brooklyn, N. Y. Reached by trolley car marked 86th St. From 39th St. ferry (boat leaves foot of Whitehall St., New York), or Fifth Ave. Elevated R. R. from Brooklyn Bridge, New York, transfer to 86th St. trolley car at 65th St., "L" station. For further information address Ditzenberger Bros. or

JOHN P. CLEARY, Auctioneer, New York.

NOTE—Everything to be offered at this sale is in first-class condition and will be offered in lots to suit purchasers. All purchases to be removed within two weeks after date of sale.

TERMS CASH

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CHRYSANTHEMUM Novelties

and Standard Kinds. If you are short of stock for planting better write me about it.
I have a good stock on hand. Prices Right. Goods Right. **CHAS. H. TOTTY, MADISON, N. J.**

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New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

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Nephrolepis Piersoni
ELEGANTISSIMA

GRAND STOCK — IN ALL SIZES.

Very popular in New York and all the large cities.

Unprecedented Sale of Large Specimens

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each.

SATISFACTION GUARANTEED.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Surplus Stock!

First-class healthy stock from 2½-in pots.

CARNATIONS—	500 Estelle	$2.00 per 100
	1000 Lawson	2.00 per 100
	125 Adonis	2.00 per 100
	600 Queen Louise	2.00 per 100
	500 Marquis	2.00 per 100
	600 Boston Market	2.00 per 100
ROSES—	100 Gen. MacArthur	2.00 per 100
	150 Deegen	2.00 per 100

W. C. ROCKWELL, Bradford, Pa.

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Chatenay — Uncle John — Perle

A limited supply extra fine plants.

THE GASSER COMPANY

EUCLID AVENUE,

CLEVELAND, - - - OHIO

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The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906. Early. Commercial.

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

Headquarters for COLEUS

Rooted Cuttings of Golden Bedder and Verschaffeltii, $6 00 per 1000. Rooted Cuttings of Golden Bedder and Verschaffeltii, mixed, $5.00 per 1000. 2¼-inch pots, $15.00 per 1000.

The above are ready now. Cash with order.

J. E. FELTHOUSEN, Schenectady, N. Y.

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CRASSULA HYBRIDA

Will make a Standard Easter Plant. Its keeping qualities are above any other kind of flowering plant grown at present. Sample plants in bloom, **$1.50** each; **$15.00** per doz. Young stock, 2½-inch pots, able to make good plants for next season, **$3.00** per doz.; **$15.00** per 100. **Cash with order.**

GRAND STOCK OF

Hydrangeas and Dwarf Crimson Ramblers For Decoration Day.

LOUIS DUPUY, - Whitestone, L. I., N. Y.

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RED SPORT

The Great Christmas "Hollyberry" Red Carnation. Most profitable red ever introduced and an easy doer, everybody can successfully grow it. Strong plants from 2¼-inch pots, ready to plant in the field or on the bench inside, $6.00 per 100; $50.00 per 1000. Satisfaction guaranteed.

A. B. DAVIS & SON,

CARNATION SPECIALISTS. PURCELLVILLE, VA.

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Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

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New Rose WELLESLEY

Own root plants, $25.00 per 100.

WABAN ROSE CONSERVATORIES,

NATICK, MASS.

John N. May, Summit, N. J.

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Carnation Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.00	25.00
THE QUEEN	2.50	20.00
THE CARDINAL, from 2-in. pots	12.00	

LARCHMONT NURSERIES, Larchmont, N. Y.

Mention The Review when you write.

MILWAUKEE.

At a special meeting of the Milwaukee Florists' Club last week it was voted to hold a chrysanthemum and flower show this fall. A fund of $500 will be donated by the club toward premiums and a guarantee fund of $1,000 is assured by the members. The committee on arrangements consists of Charles B. Whitnall, W. A. Kennedy and Robert Zepnick and the committee on premiums of C. C. Pollworth, Chris Valon and Alexander Klokner.

Unfavorable weather is preventing any outdook work and demand for bedding stock is considerably behind last season's orders.

The cut flower market is quiet. There is an abundance of stock and at the numerous Greek stands carnations are retailed below a respectable wholesale figure.

The unfavorable weather delayed orders for bedding stock until almost the last moment and rush orders have been coming in heavily the past few days. C. C. Pollworth Co. has about ten houses devoted to this class of stock, which is a busy department just now. A large shipment of palms from Belgium also came in last week. Their stock of roses at the new range is in excellent condition.

Peonies are somewhat retarded and will not be in bloom in this vicinity for Memorial day, but the outlook is bright for lilacs, tulips and valley.

Several large funerals last week kept the market active and shipping trade consumed a large portion of the stock.

Kapsalis & Georgiades have opened a new stand next to the largest department store in the city and if location counts for anything they ought to do a big business. This makes three Greek stands now in a radius of two blocks.

INCOG.

OCEANIC, N. J.

The Monmouth County Horticultural Society held a very well attended meeting on May 19, with President Hale in the chair. The discussion of the evening was "Chrysanthemum Culture." H. A. Griffiths, the first prize winner, was presented by Mr. Hale with a beautiful silver cup. The second prize winner, Joseph Kennedy, received the society's certificate.

Wm. Turner exhibited a fine bunch of Black Hamburg grapes, with fine color, and weighing three and three-quarters pounds. They scored ninety-eight points.

The premium list for the eighth annual exhibition at Redbank November 1 and 2 has been issued. B.

SCARLET SAGE,

From 2-inch pots.....$2 00 per 100
Dwarf Sweet Alyssum, 2-inch pots... 2.00 "
Verbenas, 2-inch pots..... 2 00 "
Vinca Variegata, 2-inch pots..... 2 00 "
Cuphea, (Cigar Plant), 2-inch pots... 2.00 "
Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.

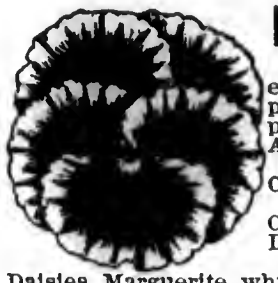
E. I. Rawlings, Quakertown, Pa.

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TOMATO BEAUTY, large plants, $2.50 per 1000.
PANSIES choicest strains, transplanted plants, $3.00 per 1000.
SMILAX 2-inch, $1.20 per 100.

F. GRISWOLD, WORTHINGTON, OHIO

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PANSIES

Pansies, giant flowering, extra large, wintered over plants, in full bloom, $2.50 per 100. Per 100
Asparagus Plumosus, strong, 2½-in.....$5.00
Chrysanthemums, in variety..... 3.00
Coleus, Mixed..... 2.50
Daisies, Marguerite, white & yellow, 4-in.10.00
Daisies, Marguerite, white and yellow, 2½-in. 4.00
Fuchsias, E. G. Hill and Phenomenal..... 4.00
" mixed..... 3.00
" Sunray, doz., $1.00.
Geraniums, standard varieties, 4-in.....10.00
" Mme. Salleroi, 2-in..... 4.00
Hollyhocks, double, separate colors.....12.00
" Allegheny, mixed.....12.00
Salvia, St. Louis and Clara Bedman, 2-in..... 4.00
" Mrs. C. N. Page, 2-in..... 6.00
Cash with order.

I. N. KRAMER & SON, Cedar Rapids, Ia.

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DAHLIA

Kaiserin Augusta Victoria.

THE BEST WHITE DAHLIA IN EXISTENCE.

My own importation. I control the entire stock of it. Flowers double, of the purest white, 4 to 5 inches in diameter. A wonderful bloomer. Stems 12 to 18 inches long. Plants 3 to 3½ ft. high. The finest plants from cuttings. Good, strong stock from 2½-inch pots, $3.00 per doz.; $20.00 per 100. Orders filled in rotation. Early booking suggested. Highly commended by the American Institute and the New York Florists' Club. Address—

A. L. MILLER, Jamaica Ave., Brooklyn, N. Y.

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PRIMULAS

Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping in June, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO.

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Hardy Roses, from 4 and 5-inch pots, at 15c; fine, clean plants, many in bud. Magna Charta, Gen. Jacqueminot, Crimson Rambler, Dorothy Perkins, Clothilde Soupert, etc. Large flowered Clematis, 2-year dormant or from 5-inch pots at 18c. 1 year dormant or from 3-inch pots, 9c. Finest purple, white, lavender and red sorts. Clematis Paniculata, 2-year dormant, strong, 10c; extra, 3-year, 15c. Ampelopsis Veitchii, dormant 2-year, 10c. (See my Adv. of Dormant Roses, etc.)
Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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IMPROVED SHASTA DAISY SEED
1000 Seeds, 25 cents.
GIANT MIXED PANSY SEED
1000 Seeds, 25 cents.

William Linfoot, 317 North Vermilion St. Danville, Ill.

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BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

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Something fine for Lawn, Hotel, Piazza decorations.

PHOENIX..... CANARIENSIS

Ask for prices.

Julius Roehrs Co., Rutherford, N. J.

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Bedding Plants

Orders will be filled same day received, if we are short of stock ordered money will be returned by next mail.

	Per 100, 2¼-in.
Ageratum, dwarf, blue and white	$2.00
Alternanthera, red, yellow; 100 R. C., 50c.	1.50
Alyssum, Sweet, Giant dbl.	2.00
Asparagus, Plum. and Spreng., 3-in., $5, 4-in., $8; seedlings, $1.	2.50
Begonia Vernon	2.50
Carnations, R. C., 2 and 3-in.; price list free. Summer blooming, Mrs. Fisher, white and pink, 3-in., 100, $6.00.	
Cobaea Scandens, trpl., fr. flats, $1.00	2.00
Coleus, in varieties, R. C., 70c	2.00
Dahlias, in varieties, doz., 50c	4.00
Daisies, Longfellow and Snowb., in bloom, $1.00; 1000, $8.50.	
Dracæna Ind., 2-3-4-in., 100, $2.50, $5, $8.	
Dusty Miller, trpl., fr. flats, $1.00	2.00
Ferns, Boston, fine, 5-in., $20.00.	
Feverfew, Little Gem; 3-in., 100, $5.00	2.00
Forget-Me-Not, in var., trpl.; 100, $1.00	2.00
Fuchsia, in var., 3-in., $5; 4-in., $8	2.50
30,000 Geraniums, Nutt and other var., 3-in., $5	2.00
20,000 Geranium Mme. Salleroi, very strong	2.50
Geraniums, Fancy, Tricolor and new var., doz., $1.	
Geraniums, Ivy-leaved, 3-in., $6.00	3.00
Heliotrope, in var., 3-in., $5	2.50
Ivy, Kenilworth	2.50
Lobelia, dwarf and trail., sep., trpl., $1.00	2.00
Lemon Verbena, 3-in.; $5.00	2.50
Lantanas, in var., 3-in., $5	2.50
Marguerites, white and yellow	2.00
Pansies, 300,000 splendid mixed in bloom; 1000, $12.50, $10.00, $6.50, according to size; sample free. White, blue, black, purple and yellow, separate colors, trpl., 100, $1.	
Petunia, double fringed	2.50
" single, in bloom	2.00
Phlox, Drummond, mixed	2.00
Salvia, in varieties	2.00
Smilax, trpl., fr. flats, strong, $1.00	1.50
Swainsona Alba, 3-in., $5.00.	
Tradescantia	2.00
Umbrella Plants, 3-in., $4.00	2.00
Verbena, mixed and sep. col., trpl., $1.00	2.00
15,000 Vinca Var., strong 3-in., $5.00; 4-in., $10; 2½-in., $3.00	2.00

HARDY PERENNIAL PLANTS.

	Per 100	Doz.
Daisy, Shasta	$5.00	$ .75
Dianthus Barbatus, dbl., sweet	2.00	.30
Dielytra, Bleeding Heart	8.00	1.00
Forget-Me-Not, trpl	1.00	.20
Ferns, hardy, in 10 var	10.00	1.50
Funkia	6.00	.70
Gypsophila Paniculata	2.00	.30
Hollyhocks, dbl., mixed, 3-in	5.00	.65
Hemerocallis	3.00	.40
Ivy, English, hardy, 3-in., doz., $1.00	3.00	.40
Myrtle, creeping	2.00	.30
Peonies, named var		2.00
Phlox, in named varieties	6.00	1.00
" in mixed varieties	5.00	.75
" Subul., creep., white and pink	4.00	.50
Pink, hardy, Her Majesty and others	6.00	.75
" " Grass Pink	2.00	.40
" " Heddewigi, Chinese	2.00	.30
Poppy, Oriental	2.00	.30
Primula Veris, trpl., 2¼-in	3.00	.40
Rudbeckia, Golden Glow	3.00	.40
Stokesia Cyanea	6.00	.75
Sweet William, double	2.00	.30
Tritoma	8.00	1.00
Yucca Filamentosa	8.00	1.00

VEGETABLE PLANTS

Cabbage—Wakefield, Early Spring and Early Summer, All Head Early, Succession, Drumhead, Danish Ballhead, Winter, 1000, $1.00; 10,000, $8.50. Trpl., 1000, $2.00.

Cauliflower—Early Snowball, trpl., strong, 1000, $4.00. Danish Snowball, 1000, $2.00.

Celery—A few millions of plants. White Plume, Golden Self-Blanching, Dwarf Golden Heart, Winter Queen, Giant Pascal, 1000, $1.00; 10,000, $8.50; 100, 15c. Trpl. White Plume, ready, 1000, $2.00.

Onion—Prizetaker, 1000, $1; 10,000, $8.

Sweet Potatoes—Yellow Jersey, 1000, $1.50.

Tomato—Earliana, Lorrillard, Acme, Dwarf Champion, Ponderosa, Livingston's Beauty, 1000, $1 to $1.50. Trpl., 1000, $2, $5 and $10.

Price list mailed free. Cash with order. If by mail, add 10c per 100 on R. C. and seedlings.

LUDVIG MOSBAEK, Onarga, Ill.

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Always Mention the....

Florists' Review

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ANOTHER BIG TIME COMING!

$5,000 in Premiums.

KANSAS CITY FLOWER SHOW

CONVENTION HALL, November 13th to 18th, inclusive.

KANSAS CITY HOLDS THE GREATEST OF ALL FLOWER SHOWS.
KANSAS CITY OFFERS THE LARGEST PREMIUMS AND PAYS THEM IN FULL.
KANSAS CITY SECURES THE BEST JUDGES IN AMERICA.

GEORGE E. KESSLER, Landscape Architect, will be the director of the show.

PREMIUM LIST NOW READY. Address LOUIS W. SHOUSE, Sec'y, Convention Hall, KANSAS CITY, MO.

C R. HILLS, GRAND RAPIDS, MICHIGAN

AMERICAN BEAUTIES, EXTRA FINE, 3-INCH.....$6.00 PER 100
LA DETROIT, EXTRA FINE, 3-INCH..... 8.00 PER 100
CHATENAY, PERLE, SUNRISE, 3-INCH..... 5.00 PER 100

Cobaea Scandens, 2¼-in.....$2.00 per 100
" " extra fine, 3-in..... 4.00 per 100
Forget-Me-Not, 2¼-in..... 2.00 per 100
Verbenas, Mammoth, 2¼-in..... 2.00 per 100
Clean and healthy.

Alyssum, Little Gem, 2¼-in.....$2.00 per 100
Extra fine plants, full of bloom.
Cuphea, 2¼-in..... 2.00 per 100
German Ivy, 2¼-in..... 2.00 per 100
Shasta Daisies, 2¼-in..... 2.50 per 100
Christmas Peppers, 2¼-in..... 2.00 per 100

Nicotiana Sanderae, 2¼-in..... .....$1.00 per doz.

ASTERS.

American Branching, Hohenzollern, Queen of the Market and Carlson's.
From bench.....$0.60 per 100; $5.00 per 1000
From 2¼-in. pots..... 1.50 per 100; 12.50 per 1000
PRIMULAS, for July Delivery.

PLANTS for Vases and Baskets

ASPARAGUS SPRENGERI, large, bushy plants with many long vines, from 3-inch pots, $5.00 per 100. Extra Fine, from 4-inch pots, $8.00 per 100.
CAREX JAPONICA VARIEGATA, a most useful grass for filling. From 2¼-inch pots, $3.00 per 100.
COBAEA SCANDENS, from 3-inch pots, staked. $4.00 per 100.
CYPERUS ALTERNIFOLIUS (Umbrella Plants), excellent stock from 2¼-inch pots, $2.50 per 100.
GLECHOMA VARIEGATA. We have a large, healthy lot of this most useful vine in 2½-inch pots, $3.00 per 100.
GERANIUM (IVY LEAVED), strong plants in 2¼-inch pots, in bud and bloom, three standard varieties and colors. $3.00 per 100.
HONEYSUCKLE (JAPANESE), HALLEANA and GOLDEN LEAVED. Do not forget this useful vine in your spring work. Two-year-old field clumps. $6 per 100.
LOBELIA GRACILIS, strong, bushy plants, from 2¼-inch pots, in bloom, $2.50 per 100.
MAURANDIA VINE (ALBA), thirty stock in 2½-inch pots, in bud and bloom, $3.00 per 100.
OTHONNA CRASSIFOLIA, an indispensable vine for filling. Extra strong plants in 2¼ and 2½-inch pots, $3.00 per 100.
PETUNIAS (Double), three of the best varieties, 2¼-inch pots, $2.50 per 100.

WE STILL HAVE ALL THE BEST HARDY PERENNIALS IN STOCK.
Write for Special Prices.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$25.00	Adonis	$20.00
Lord	9 00	Mrs. M. A. Patten.	40.00
Lawson	12.00	Flamingo	40.00
Boston Market	20.00	Peru	7.00

PRINCESS OF WALES VIOLETS
Rooted runners, $5 00 per 100.
Cash or C. O. D.
SOL. GARLAND, Des Plaines, Ill.
Mention The Review when you write

Roses and Mums!

ROSES—Standard list of good varieties, $3.00 per 100; $25.00 per 1000.
MUMS—All the best commercial kinds, $1.00 to $2.00 per 100.

BURDELL FLORAL CO., Bowling Green, Ky.

Mention The Review when you write.

60,000 GRAFTED ROSES For Forcing

Extra fine, healthy plants. Free from mildew.
Liberty, Rose pots, $15.00 per 100;
3½-inch pots, $18.00 per 100.

Maids, Brides, Golden Gates, Kaiserin

Rose pots, $10.00 per 100; $ 95.00 per 1000
3½-in. pots, 15.00 per 100; 145.00 per 1000

COLEUS Verschaffeltii, Golden Bedder, Firebrand

Rooted Cuttings, 75c per 100; $6.00 per 1000
Send for Price List.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

GERANIUMS

	Per 100
Geraniums, my selection. 3-in. pots	$5.00
Alternantheras—Red and yellow	2 00
Asparagus Plumosus—2¼-inch pots	2.00
Plumosus Seedlings	1.50
Sprengeri, ready July 1st.	
Smilax—Ready in June	1 25

COLEUS

	Per 100
12 Varieties—2¼-inch pots	$2.00
Seedling Petunias	2.50
Centaurea Gymnocarpa	2.00
Primroses—Chinese Obconica and Forbesi, July 1st	
Pansy Seed ready in July, $4.00 per oz.	

CASH or C. O. D.

JOSEPH H. CUNNINGHAM, Delaware, Ohio.

Mention The Review when you write.

PALMS, FERNS and all Decorative Stock.

R. DREYER, Woodside, L. I., N. Y.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

HYDRANGEA OTAKSA

For spring sales; fine, large, shapely plants, with perfect blooms and foliage dark green, and perfect to the pots.

$1.00, $1.25 and $1.50 each.

Baur Floral Co., -- Erie, Pa.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 4 best sorts, all colors, 2-in., 40c doz.; $2.50 100.
Good & Reese Co., Springfield, Ohio.

ACALYPHAS.

Acalypha marginata, 2-in., 40c doz.; $2.50 100; $20.00 1000.
Good & Reese Co., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, 4 varieties, 2-in., $2.00 100.
Good & Reese Co., Springfield, O.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story. Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

AGAVES.

Agaves, variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum. Stella Gurney, Princess Pauline and Snowball, 2-in., $2.00 100.
Cation Greenhouse Co., Peoria, Ill.

Ageratum Stella Gurney, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, best sorts, blue and white, 2-in., 30c doz.; $2.00 100.
Good & Reese Co., Springfield, Ohio.

Ageratum Gurney; R. C., 50c per 100; $4.00 per 1000, by mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums Gurney, Pauline, 50c per 100. 2-in., 1½c. Cash. Byer Bros., Chambersburg, Pa.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 4 varieties; 2½-in., in bloom, $2.00 100. E. G. Bunyar, Independence, Mo.

Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratum, white and blue, 2 to 2½-in., $2.00 100. Geo. A. Kuhl, Pekin, Ill.

Ageratum, 2½-in., $2.50 100.
S. V. Smith, 63 Goodman St., Phila.

ALTERNANTHERAS.

Alternantheras, strong rooted cuttings of A. nana, yellow, and P. major, red, 50c 100; $4.00 1000. Red and yellow, from 2-in., $1.50 100. Special price on 5000 or more.
Davis Bros., Morrison, Ill.

Alternantheras, red; 2-inch, $2.00 per 100.
Alternantheras, yellow; 2-inch, $2.00 per 100.
Alternantheras, red and yellow; 2-inch, from early cuttings, $2.00 per 100.
Rutledge Nurseries, Rutledge, Pa.

Alternantheras, red and yellow; stocky plants from flats, $1.00 per 100; $9.00 per 1,000.
Chas. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz.; $2.00 100; $18.00 1000.
Good & Reese Co., Springfield, Ohio.

Alternantheras, brilliantissima and yellow, 2-in., $2.00 100, $18.00 1000.
C. Winterich, Defiance, Ohio.

Alternantheras, red and yellow, 2½-in., 50c doz., $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Brilliantissima, red; A. nana, yellow; 2-in., $2.00 100. A. J. Baldwin, Newark, O.

Alternantheras, green; 2-in., $2.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

Alternantheras, 2 to 2½-in., $3.00 100.
Geo. A. Kuhl, Pekin, Ill.

ALTHEAS.

Althea or Rose of Sharon, fine plants, 5 colors, 2-in., 50c doz.; $3.50 100.
Good & Reese Co., Springfield, Ohio.

ALYSSUM.

Alyssum Little Gem, 2¼-in., extra good, full of blooms, $2.00 per 100.
C. R. Hills, Grand Rapids, Mich.

Sweet alyssum, double and dwarf, 2½-in., $3.00 100; 3-in., $4.00.
Cation Greenhouse Co., Peoria, Ill.

Alyssum, double dwarf, bushy plants, 3-in. pots, $3.00 per 100.
The Stover Floral Co., Grandville, Mich.

Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum double giant, 2-in., in bud and bloom, $1.50 per 100. J. Sylvester, Oconto, Wis.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Alyssum, giant flowered, 2-in., 30c doz.; $2.00 100. Good & Reese Co., Springfield, Ohio.

Alyssum, giant double, in 2½-in. pots, $2.00 per 100. Cash. G. W. Renard, Avondale, Pa.

Alyssum Little Gem, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Alyssum, very dwarf, good, 3-in., $3.00 100.
S. V. Smith, 63 Goodman St., Phila.

Double sweet alyssums, 2½-in., 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

Dwarf sweet alyssum, 2¼-in. pots, $1.50 100.
J. S. Bloom, Riegelsville, Pa.

Sweet alyssum, 2 to 2½-in., $2.50 100.
Geo. A. Kuhl, Pekin, Ill.

Sweet alyssum, 3-in., $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Alyssum Little Gem, 2½-in., $2.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in., $4.00 100. Cash.
R. I. Hart, Hackettstown, N. J.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, 2-in., 50c doz.; $3.00 100. Good & Reese Co., Springfield, Ohio.

Ampelopsis Veitchii, dormant, 2-yr., 10c.
W. H. Salter, Rochester, N. Y.

ANEMONES.

Anemones Queen Charlotte and Whirlwind, 2-in., 50c doz.; $3.00 100.
Good & Reese Co., Springfield, Ohio.

ANTHERICUMS.

Anthericum, 2½-in. pots, $4.00 100.
Good & Reese Co., Springfield, O.

ANTIRRHINUMS.

Snapdragons, white, pink and yellow, $6.00 100; $50.00 1000.
J. BREITMEYER'S SONS, Detroit, Mich.

AQUATICS.

Hardy water lilies. N. odorata superba, white, $1.00 doz.; N. odorata rosea, pink, $3.00 doz.; Nelumbian luteum (American lotus), $4.00 doz. W. J. Richards, Wayland, O.

Nymphaea odorata gigantea, 50c doz., $3.50 100. R. Vincent, Jr. & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100.
F. Ludemann, Baker St., San Francisco, Cal.

ASPARAGUS.

Asparagus plumosus, 3-in. pots, 75c doz.; $5.00 100; from flats, $1.50 100. Sprengeri, 3-in., 75c doz.; $5.00 100; from flats, $1.00 100. Decumbens, 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., 50c doz.; $2.25 100; $20.00 1000; 3-in., 60c doz.; $4.50 100. Sprengeri, 2-in., 40c doz.; $1.75 100; $15.00 1000. Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, fine plants, $1.50 per 100; 3-in., $4.50 per 100. Sprengeri, small plants, ready July 1; 3-in., $4.00 per 100.
William Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus, large clumps, $10.00 100. A. Sprengeri, 2½-in., very large stock, $2.00 100; 6-in., $10.00 100. Cash with all orders.
S. J. Bunting, Elmwood and 58th, Phila.

Asparagus plumosus nanus plants, just as they come from the flats. Grown from our own seed, $1.00 per 100 plants.
B. H. Haverland, Pleasant Run, O.

Asparagus Sprengeri, large, bushy plants with many long vines, from 3-in., $5.00 100; extra fine from 4-in., $8.00 100.
N. Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 2-in., $3.00 100; 4-in., $10.00 100; seedlings, $12.00 1000. Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in. pots, $2.00 100. Seedlings, $1.50 100. Sprengeri ready July 1. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2-in., $2.50 100; 3-in., $4.00; 4-in., $10.00 100. Sprengeri, 2-in., $2.50 100. National Plant Co., Dayton, O.

Cut fronds of Asparagus plumosus, 6 to 18 inches each, $2.00 per 100. Cash. Sample free.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in. pots, $2.50 100; 3-in., $5.00 100. Sprengeri, 2¼-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus nanus, strong plants from 3-in. pots, $5.00 100, worth $8.00. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus Sprengeri, 2-in., $2.00 100. Seedlings from flats, $1.00 100; prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus Sprengeri, 3-yr.-old clumps in fine shape, $8.00 per 100. Cash.
G. W. Renard, Avondale, Pa.

Asparagus plumosus nanus, 2½-in., strong, ready for shift, $3.00 100.
A. J. Baldwin, Newark, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus, strong 2½-in., $5.00 100. Cash. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Sprengeri, 4-in., $8.00 100; 3-in., $5.00
Cation Greenhouse Co., Peoria, Ill.

ASTERS.

Asters. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose, purple and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
A. & G. Rosbach, Pemberton, N. J.

Asters. Nice plants, 50,000 ready. Earliest white; Queen of Market, mixed; Giant Comet, mixed; Victoria Giant, mixed; Semple's Branching, white, pink and purple, 40c per 100; $3.50 per 1000. Cash.
Byer Floral Co., Shippensburg, Pa.

Queen of the Market asters only, from 2½-in. pots—red, white, blue and pink; nice plants. Having more than we have room for we will let them go for $1.25 per 100. Cash, please.
A. Relyea & Son, Poughkeepsie, N. Y.

American Branching. Carlson's Queen of the Market and Hohenzollern, from flats, 60c 100, $5.00 1000; from 2¼-in., $1.50 100, $12.50 1000. Extra strong thrifty stock. By express.
C. R. Hills, Grand Rapids, Mich.

Aster plants, very strong, outside grown, every plant perfect. Semple's, Carlson's, Victoria and Peony Perfection—white, pink, lavender, red—40c 100; $3.00 1,000.
C. M. Newman, Center Market, Charleston, S. C.

Asters. Olmstead's White and Semple's Branching, in white, pink, and lavender, once transplanted, from selected flowers, $1.00 per 100, $8.00 per 1000.
C. Winterich, Defiance, O.

Asters. Semple's and Queen of the Market, separate colors. Fine plants ready to plant out, 35c per 100, by mail; $3.00 per 1000, by express. S. W. Pike, St. Charles, Ill.

Large healthy aster plants. Comet, Queen of the Market and late-branching varieties; all colors, transplanted plants, 25c. per 100. Cash.
Mrs. Geo. J. Starr, Wilson, N. C.

Asters. Branching, Peonia Flowered, Ray's Queen of the Market, 2 to 4 in. high, $3.00 1000; 4 to 6 in., $5.00 1000. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asters. Comet and American Branching, in pink, white and blue, and Victoria in mixed colors, from pots, $1.00 per 100.
J. B. Shurtleff & Son, Revere, Mass.

Best varieties of double asters in soil, 14 plants in box, $15.00 100 boxes. Cash.
C. S. Chase, Dighton, Mass.

Semple's asters, white, pink, purple, lavender, crimson, $3.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Asters. Queen of the Market, colors separate; from flats, $1.00 100.
C. Eisele, 11th & Jefferson Sts., Phila.

Semple's asters in 2½-in. pots, 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

BAY TREES.

Bay trees, a splendid lot just in. Standards, $9.00 to $24.00 pair. Pyramids, $9.00 to $30.00 pair. A. Schultheis, College Point, N. Y.

Write for quotations on bay and box trees.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

BEDDING PLANTS.

Geraniums, scarlet and pink varieties, the newest and best bedders, 4-in., in bud and bloom. $6.00 per 100. Salvias Bonfire and splendens, strong, transplanted, $2.00 per 100. Sweet alyssum, nice, bushy plants in bloom, $2.00 per 100. Marie Louise violet plants, February and March struck, ready June 15, $15.00 per 1000; orders booked now. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Geraniums, leading varieties, 4-in., $8.00 100. Heliotropes, 3 and 4-in., $5.00 and $7.00 100. Coleus Verschaffeltii and G. Bedder and 8 other varieties, $2.00 100. Feverfew and verbenas, 2½-in., $2.50 100. Lobelia, dwarf and tall, 2½-in., $2.25. Alyssum, 2-in., $2.00 100. Alternantheras, red and yellow, $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Tuberous rooted begonias, white, yellow, pink and red; well started out of 3½ or 4-in. pots, 3 to 5 leaves, $15.00 per 100.
Begonia Erfordii, sometimes called pink Vernon, the finest bedder of all the begonias, does well in sun or shade; grand stock, 3½-in., in full bloom, $10.00 per 100.
Highland Park Gnhses., Highland Park, Ill.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonias, 16 finest varieties, 3-in. pots, $5.00 per 100; $1.00 per doz. Ten varieties, 2-in., $2.00 per 100; 40c per doz.
Harmon & Henderson, Iola, Kan.

Flowering begonias, 5 varieties, 2 to 2½ in., $5.00 100; 3-in., $7.50; 4-in., $12.50.
Geo. A. Kuhl, Pekin, Ill.

Begonias, 10 best flowering sorts, 2-in., 40c doz.; $2.50 100; $20.00 1000.
Good & Reese Co., Springfield, Ohio.

Tuberous rooted begonias, 4-in., $1.50 doz. Cash. Paul Brummer, Corona, L. I., N. Y.

Begonia Vernon, strong, 2-in., $2.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Spotted begonias, 4-in., $7.00 100.
S. V. Smith, 63 Goodman St., Phila.

Flowering begonias, $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2¼-in., $2.00 per 100.
C. R. Hills, Grand Rapids, Mich.

BOUVARDIAS.

Bouvardias, scarlet, white and pink, 2½-in. pots, and B. Humboldtii for summer flowering, 2-in., 50c doz.; $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila.

BOXWOOD.

Boxwood in painted wooden tubs, great value, $3.50 to $4.00 pair.
A. Schultheis, College Point, N. Y.

Dwarf box, 3 to 5 in., $25.00 1000; 2 to 4 in., $20.00 1000.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem, a dozen sprays making as fine a showing as a dozen large white carnations and can be used instead of them for decorative purposes. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
R. Fischer, Great Neck, L. I., N. Y.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

California field-grown freesia bulbs. Per 1000: ¼ to ⅜, $1.25; ⅜ to ½, $2.05; ½ to ⅝, $3.35; mammoth, $6.40. Express prepaid. Rates quoted on orders of 5000 or over.
H. N. Gage, Burnett, Cal.

Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi, write for prices, stating number wanted.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Narcissi. For early forcing try our Golden Spur; can be forced for Christmas, $17.50 1000; $170.00 10,000. N. Le Page, Mt. Vernon, N. Y.

Freesias, Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for prices. Rees & Compere, Long Branch, Cal.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CACTI.

Cacti in 10 select varieties, $7.00 per 100. Old Man cactus, 4 to 5-in., $20.00 per 100. Carriage paid.
J. A. McDowell, Ap. 167, City of Mexico, Mex.

CALADIUMS.

Caladium esculentum, large plants from 4-in. pots, $1.50 per doz.; $10.00 per 100.
Wagner Park Conservatories, Sidney, O.

Caladiums. Nice, started plants, 2 to 3 leaves, $1.50 per doz.
Highland Park Gnhses., Highland Park, Ill.

CANNAS.

CANNAS. We are now prepared to supply the following varieties in first-class stock from 3-in. pots.
David Harum, Mrs. Kate Gray, Pennsylvania, Sam Trelease, Cinnabar, $8.00 per 100.
Duke of Marlborough, America, Secretaire Chabane, Shenandoah, Beaute Poitevine, Chas. Henderson, Florence Vaughan, Pres. Cleveland, Queen Charlotte, $5.00 per 100.
Austria, Alsace, L. E. Bailey, Mlle. Berat, Burbank, $4.00 per 100.
Wagner Park Conservatories, Sidney, O.

Cannas. All our cannas are plants from pots, ready to grow right off, and are much superior to dormant eyes, all the choice varieties, 50c doz.; $3.00 100.
Good & Reese Co., Springfield, O.

Cannas Pennsylvania, Andrew Lang, Duke of Marlboro, Alemannia, Austria, Berat and McKinley, from 4-in. pots, $7.00 per 100.
C. Winterich, Defiance, O.

Cannas, 4-in., 10 best varieties, $8.00 per 100. Cash with order, please.
Fred Rentschler, Madison, Wis.

Cannas in yellow and red varieties, 3-in., $5.00; 4-in., $8.00 100. Geo. A. Kuhl, Pekin, Ill.

French cannas, mixed, strong, 4-in., $4.00 per 100. Wm. S. Herzog, Morris Plains, N. J.

Cannas, $8.00 and $10.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CAREX.

Carex japonica variegata, 2¼-in., $3.00 100.
N. Smith & Son, Adrian, Mich.

CARNATIONS.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$25.00	Flamingo	$40.00
Adonis	20.00	Lord	9.00
Lawson	12.00	Mrs. Patten	40.00
B. Market	20.00	Peru	7.00

Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Rooted carnation cuttings. We offer first-class stock of the finest varieties.
Variegated Lawson, pure ivory white with delicate carmine pencilings; it is the best variegated, $12.00 100; $100.00 1000.
Red Lawson, a bright red sport of Lawson, $10.00 100; $75.00 1000.
White Lawson, which we consider to be the best white ever sent out, $7.00 100; $60.00 1000.
Victory, the real bread and butter scarlet, for which we are now booking orders for December delivery. Orders filled in strict rotation as received. Price, $12.00 100; $100.00 1000. Also,

	100	1000		100	1000
Cardinal	$12.00	$100	Bountiful	$6.00	$50
Fiancee	12.00	100	Daheim	6.00	50
F. Burki	12.00	100	Mrs. Patten	6.00	50
Enchant	4.00	30	Mrs. Lawson	3.00	20
Prosperity	3.00	20			

F. R. Pierson Co., Tarrytown, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
C. White	$12.00	$100.00	Lawson	$2.00	$15.00
Crusader	5.00	45.00	M. Glory	1.50	12.50
Indianapolis	5.00	45.00	H'inbotham	1.00	9.00
B. Market	2.50	20.00	Hill	1.00	9.00
Nelson	1.50	12.50	Q. Louise	1.00	9.00
Estelle	2.50	20.00	G. Angel	1.00	9.00
Phyllis	12.00	100.00	Adonis	2.50	20.00

RICHMOND GEM, $10.00 100; $75.00 1000.
All cuttings sold under condition that if not satisfactory they may be returned.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
Bountiful	6.00	50	Flamingo	6.00	..
Mrs. Patten	6.00	50	B. Market	2.50	20
N. Fisher	7.00	60	The Queen	2.50	20
Daheim	6.00	50	Mrs. Lawson	2.50	20

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $12.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

FINE POT PLANTS OF CARNATIONS.
Ready to bench or plant out. Lawson, Wolcott (best standard white), Challenger, Estelle, $3.50 per 100; $30.00 per 1000. Mrs. Patten, $5.00; White Lawson and N. Fisher, $6.00 per 100. Harkett's Floral Nursery, Dubuque, Iowa.

Carnations, first-class, healthy, 2½-in. stock, $2.00 100.

500 Estelle.	1000 Lawson.
125 Adonis.	600 Queen Louise.
500 Marquis.	600 Boston Market.

W. C. Rockwell, Bradford, Pa.

Carnations from 2-in. pots, good strong plants ready for a shift or the field. Lawson, $2.50 per 100; Enchantress, $4.00 per 100. Cash with order, please. S. S. Brenneman, Webb City, Mo.

Red Sport, the most profitable red carnation ever introduced. Strong 2¼-in. pot plants, ready for field or bench, $6.00 100; $50.00 1000.
A. B. Davis & Son, Purcellville, Va.

Carnations, strong, healthy. Enchantress and Fairmaid, 2¼-in. pots, and The Queen, 2-in., $3.50 100; $30.00 1000. Cash.
John W. Foote, Malden, Mass.

Carnations Queen and Boston Market, strong transplanted, well hardened off, $2.00 per 100; $15.00 per 1000. Cash.
Stabenow Bros., Reading, Pa.

Carnations. Queen Louise, $2.00 100, $20.00 1000; Joost, $2.00 100, $15.00 1000. Fine from flats to plant. Cash.
Benj. Connell, West Grove, Pa.

Carnations, fine, strong, healthy, well-rooted cuttings, Prosperity, Joost and Lawson, $2.00 100. Cash. John Brod, Niles Center, Ill.

Carnation, chrysanthemum and violet rooted cuttings. Send for list.
Wm. Swayne, Box 220, Kennett Square, Pa.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., La Fayette, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CENTAUREAS.

Centaurea Dusty Miller, 2¼-in., extra fine, $2.00 per 100; 40c per doz.
Harmon & Henderson, Iola, Kan.

Centaurea, Dusty Miller, 2½-in., 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

Dusty Miller and gymnocarpa, 2½-in., $2.50 100. S. V. Smith, 63 Goodman St., Phila.

Centaureas, 2 to 2½-in., $2.50 100; 3-in., $5.00. Geo. A. Kuhl, Pekin, Ill.

Centaurea Dusty Miller, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Centaurea gymnocarpa, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

We have ready to ship, out of SOIL, the following varieties, all good stock:

White.	100	Pink.	100
Estelle	$2.00	Duckham	$3.00
Kalb	2.00	Pacific	2.00
Robinson	2.00	Pink Ivory	2.00
Polly Rose	2.00	M. Newell	2.00
Wanamaker	2.00	Shaw	2.00
Eaton	2.50	Cobbold	3.00
White Bonnaffon	2.00	Balfour	3.00
Snow Queen	2.00	Perrin	2.00
Merry Xmas	2.00	Liger	2.00
H. Plumridge	3.00	L. Queen	2.00
W. Mayflower	2.00	Richardson	2.00
Ivory	2.00	Murdock	2.00
Jerome Jones	2.00	Vivland-Morel	2.00
Yellow.		Yellow.	
Oct. Sunshine	2.00	Thirkell	3.00
Monrovia	2.00	Pockett	3.00
Yellow Eaton	2.50	Vallis	3.00
Bonnaffon	2.00	Kimberly	3.00
Appleton	2.00	Omega	2.00
Yellow Jones	2.00	Red.	
Y. Mayflower	2.00	Oakland	2.50
Golden Beauty	2.00	M. Labbe	2.50
Mournier	2.00	Black Hawk	2.50
G. Wedding	2.50	Write for 1000 rates.	

WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums, fine, thrifty 2¼-in. pot plants.

Glory of Pacific	Polly Rose
Mrs. Weeks	Black Hawk
Major Bonnaffon	Modesto
$2.00 per 100.	
Minnie Bailey	H. Robinson
Nellie Pockett	The Queen
Niveus	Percy Plumridge
Viviand-Morel	Col. Appleton
Marie Liger	Robt. Halliday
$2.50 per 100.	
Golden Chadwick	Wm. J. Bryan
A. J. Balfour	Wm. Duckham
E. J. Salter	Thirkell
Lord Salisbury	Goldmine
White Maud Dean	Pink Maud Dean
Golden Beauty	Lady Harriett
$3.00 per 100.	

JOHN DIECKMANN & CO., Wheeling, W. Va.

Chrysanthemums, 2¼-in. pot plants, $2.50 per 100; $20.00 per 1000.

W. H. Rieman	Ivory
W. A. Richardson	Col. D. Appleton
J. R. Tranter	Silver Wedding
Geo. S. Kalb	Yellow Monarch
Polly Rose	W. H. Lincoln
Mme. Perrin	Superba
Marie Liger	Merry Xmas
T. Eaton	Yanoma
H. Bloodgood	S. T. Murdock
Estelle	Jessica
Nellie Pockett	Cremo
Columbia	W. Bonnaffon

Dr. Enguehard, $3.00 100; $25.00 1000.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum rooted cuttings from cool grown stock of the following varieties: American Beauty, beautiful dark pink; Dr. Enguehard, $4.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, Robinson, Nellie Pockett, Bonnaffon, Maud Dean, Merry Christmas, $1.50 per 100, $12.50 per 1000. Cash with order, please.
G. F. Neipp, Aqueduct, L. I., N. Y., Jamaica P. O., Woodhaven Station.

Rooted chrysanthemum cuttings from sand, $1.00 per 100. Plants from 2-in. pots, $2.00 per 100. The following varieties, strong and clean stock: Willowbrook, Estelle, Pacific, October Sunshine, Halliday, Ivory, Coombes, Perrin, Silver Wedding, Golden Wedding, Dean, Chamberlain, Bonnaffon, Higinbotham, Jones, Newell, Murdock, Nagoya, Yellow Jones. Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

Chrysanthemums Ida Barwood, Mrs. Cadbury, Golden Wedding, Alice Byron, Marion Henderson, Silver Wedding, White and Yellow Jones, Nellie Pockett, Duckham and Dr. Enguehard, 2½-in. pots, $3.00 100; rooted cuttings, $2.00 100. Ben Wells, John Burton and Helen Frick, 2½-in. pots, $4.00 100; rooted cuttings, $3.00 100. Cash. Critchell's, Avondale, Cincinnati, O.

Rooted chrysanthemum cuttings. Black Hawk, Cullingfordii, Eaton, Mrs. J. Jones, W. Bonnaffon, Bonaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Lager, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.
Olson & Lunden, Plantsville, Conn.

Chrysanthemums. William Duckham, Nellie Pockett, Bonnaffon, Mrs. J. Jones, Willowbrook, Robt. Halliday, Pacific, Estelle, Mrs. H. Robinson, 2¼-in. pots, fine plants, $2.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Chrysanthemums from 2½-in. pots. Appleton, Yellow Eaton, Golden Wedding, Yellow Monarch, Timothy Eaton, Queen, Jessica, Maud Dean, Mme. Perrin, Smith, $1.50 per 100.
F. J. Walters, Jacksonville, Ill.

Chrysanthemums, 2-in. stock of Wm. Duckham, Dr. Enguehard, Ben Wells and Donald McLeod, $3.50 per 100; rooted cuttings from sand, $2.00 per 100.
R. Engelman & Son, Pittsfield, Mass.

Rooted chrysanthemum cuttings. Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 1000. Eli Cross, Grand Rapids, Mich.

Chrysanthemum novelties and standard kinds. If you are short of stock for planting write. Have a good stock on hand. Prices right.
Chas. H. Totty, Madison, N. J.

Chrysanthemums ready now. Majestic, white; Madonna, pink; Adelia, white. No better varieties grown. Write for prices.
J. BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemums. Rooted cuttings of Alice Byron, Mrs. Coombs, Halliday and Jones, $1.00 per 100. Cash.
R. Pabst, Rutledge, Del. Co., Pa.

Chrysanthemums, rooted cuttings and pot plants. For varieties and prices see display adv. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum cuttings from soil, Pres. Smith and Queen, $1.25 100; $10.00 1000. Cash.
Chase & Son, New London, O.

Rooted chrysanthemum cuttings of Polly Rose. Can ship in any quantity at $10.00 1000. Cash.
Stephen Chase, Nashua, N. H.

Wm. Duckham, Dr. Enguehard, strong 2½-in. pot plants, $2.00 per 100; $17.50 per 1000.
Henry Eichholz, Waynesboro, Pa.

Chrysanthemums, all the best commercial kinds, $1.00 to $2.00 100.
Burdell Floral Co., Bowling Green, Ky.

Chrysanthemums in variety, $3.00 100. Cash.
I. N. Kramer & Son, Cedar Rapids, Iowa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CLEMATIS.

Large flowered clematis, 2-yr. dormant or from 5-in. pots, at 18c; 1-yr. dormant or from 3-in. pots, 9c; finest purple, white, lavender and red sorts. Clematis paniculata, 2-yr. dormant, strong, 10c; extra 3-yr., 15c.
W. H. Salter, Rochester, N. Y.

Clematis paniculata, 2-in., 50c doz.; $3.00 100. The large flowering, strong 2-yr. pot-grown plants, best sorts, including Jackmani, 30c each; $3.00 doz.; $20.00 100.
Good & Reese Co., Springfield, Ohio.

Clematis, large flowering variety, 2-yr.-old, 5-in. pots, $3.00 doz.
C. Eisele, 11th & Jefferson Sts., Phila.

CLIMBERS AND VINES.

Hardy VINES and CLIMBERS. Clematis, bignonia, Wistaria sinensis, honeysuckle, hardy English ivy, Ampelopsis Veitchii, Aristolochia sipho (dutchman's pipe), etc. All strong, thrifty stock and will give complete satisfaction.
Ciucas & Boddington Co., 131 West 23rd St., New York.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

COBAEAS.

Cobaea scandens, once transplanted, nice stock, $1.25 per 100. Prepaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Cobaea scandens, 2¼-in., $2.00 per 100; 3-in., extra fine, staked, $4.00 per 100.
C. R. Hilis, Grand Rapids, Mich.

Cobaea scandens, 4-in., 4 to 5 ft. tall, $12.00 per 100. Cash with order, please.
Fred Rentschler, Madison, Wis.

Cobaeas. Extra fine, 5-in. pots, 4 to 5 ft., bushy, $15.00 per 100.
Highland Park Gnhses., Highland Park, Ill.

Cobaeas, 4-in., bushy, 18 in. high, nicely tied up, $5.00 per 100.
The Stover Floral Co., Grandville, Mich.

Cobaea scandens, extra strong plants, $3.00 per 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Cobaea scandens, 4-in., large, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cobaea scandens, from 3-in., staked, $4.00 100.
N. Smith & Son, Adrian, Mich.

Cobaea scandens, 2½-in., 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

Cobaea scandens, 3-in., $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

COLEUS.

Coleus. Verschaffeltii, 2 and 2¼-in., $2.00 100; $18.00 1000; rooted cuttings, 60c 100. Golden Bedder, 2 and 2¼-in., $2.00 100; rooted cuttings, 60c 100. Assorted coleus, 2¼-in., $1.50 100. Cash.
R. I. Hart, Hackettstown, N. J.

Coleus. C. Verschaffeltii, yellow and fancy mixed, 2 and 2½-in., $1.50 per 100, $15.00 per 1000. Alternantheras, ageratums, lobellas, salvias, verbenas, petunias, same price.
Wm. S. Herzog, Morris Plains, N. J.

Rooted cuttings of Golden Bedder and C. Verschaffeltii, $6.00 1000; mixed, $5.00 1000. In pots, 2¼-in., $15.00 1000. Ready now. Cash.
J. E. Felthousen, Schenectady, N. Y.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
E. B. Randolph, Delavan, Ill.

Coleus in 20 best bedding sorts, 2-in., 30c doz.; $2.00 100; $15.00 1000. Christmas Gem, new, 2-in., 50c doz.; $3.00 100.
Good & Reese Co., Springfield, Ohio.

Coleus Verschaffeltii, Golden Bedder, Firebrand, rooted cuttings, 75c 100; $6.00 1000. Send for price list.
J. L. Dillon, Bloomaburg, Pa.

Coleus, 12 standard varieties, 2½-in., $2.50; 3 to 3½-in., $5.00 per 100. Cash with order, please. Fred Rentschler, Madison, Wis.

Coleus rooted cuttings, 12 best bedders, 60c per 100; $5.00 per 1000, prepaid; 2-in., 1½c. Cash. Byer Bros., Chambersburg, Pa.

Coleus, 5 best bedding varieties; large, bushy 3-in. plants, $4.00 per 100. Cash with order.
E. Wickersham & Co., Pottstown, Pa.

Coleus in 2-in. pots. G. Bedder and R. Verschaffeltii, $2.00 per 100; $15.00 per 1000.
C. A. Schaefer, York, Pa.

Coleus, 2 to 2½-in., $2.50 100. Fancy-leaved, broad, highly colored, $10.00 to $12.50.
Geo. A. Kuhl, Pekin, Ill.

Coleus Verschaffeltii and Golden Bedder; fine 2½-in. stock, $3.50 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Coleus Verschaffeltii and mixed, 2-in., $2.00 per 100; $15.00 per 1000.
Bannister Bros., Syracuse, N. Y.

Coleus, red, yellow and mixed, 2-in., $2.00 100; $18.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Coleus. Verschaffeltii and Golden Bedder, 2½-in., $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Coleus, good varieties, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 12 varieties, 2¼-in. pots, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Coleus, strong, healthy stock, 75c 100. Cash.
John Brod, Niles Center, Ill.

Coleus, 12 best varieties, 2-in., $2.00 per 100.
A. J. Baldwin, Newark, Ohio.

Coleus, 2½-in., $2.50 100; 3-in., $5.00 100. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Coleus, 3-in., large, bushy plants, $5.00 per 100. L. J. Rowe, Titusville, Pa.

Coleus Golden Bedder, 2¼-in., $15.00 per 1000. Cash. Roney Bros., West Grove, Pa.

Coleus Golden Bedder, 2-in., $2.00 100. Cash.
N. P. Colberg, Morris, Ill.

Coleus, 2-in., $2.00 per 100, $18.00 per 1000.
C. Winterich, Defiance, O.

2000 coleus in variety, 2½-in., $2.50 100.
Maurice J. Brinton, Christiana, Pa.

Coleus, mixed colors, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Coleus Firebrand, 2½-in., $1.50 per 100.
Jas. D. Hooper, Richmond, Va.

Coleus, 10 varieties; write for prices.
C. L. Reese, Springfield, O.

Coleus, mixed, $2.50 100. Cash.
I. N. Kramer & Son, Cedar Rapids, Iowa.

COSMOS.

Dwarf cosmos in 2½-in. pots. 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

BUSINESS BRINGERS—
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CRASSULAS.

Crassula hybrida, pink flowers, 2-in. pots, $10.00 100. Crassula coccinea, scarlet flowers, 2-in. pots, $15.00 100. Both are novelties of exceptional merit for Easter blooming. Will make specimens for next season.
H. D. Darlington, Flushing, N. Y.

Crassula hybrida, sample plants in bloom, $1.50 each; $15.00 doz. Young stock, 2½-in. pots, able to make good plants for next season, $3.00 doz.; $15.00 100. Cash.
Louis Dupuy, Whitestone, N. Y.

CROTONS.

Crotons, 20 leading sorts, 2-in., 50c doz.; $3.00 100. Good & Reese Co., Springfield, Ohio.

CRYPTOMERIAS.

Cryptomeria Japonica, 5-in., bushy, 20 to 24 in. high, $20.00 per 100.
Centre Ave. Greenhouses, Reading, Pa.

CUPHEAS.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Cupheas, fine, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cupheas, 2¼-in., $2.00 per 100.
C. R. Hills, Grand Rapids, Mich.

Cuphea, 2 to 2½-in., $2.50 100.
Geo. A. Kuhl, Pekin, Ill.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants. Seed taken from only selected flowers and well-built stock. None better. Once transplanted, $2.00 100, $18.00 1000; twice transplanted, $3.00 100, $25.00 1000.
C. Winterich, Defiance, O.

Cyclamen giganteum, our well known strain. July seedlings, twice transplanted, strong and healthy, in separate colors, $4.00 per 100; $35.00 per 1000; 2½-in., $5.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen persicum giganteum, 2-in., 50c doz.; $3.00 100; $25.00 1000.
Good & Reese Co., Springfield, O.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

DAHLIAS.

Dahlias, well rooted plants in 2½-in. pots, 25 choice varieties. These plants succeed and bloom better than dry roots planted early in the season. Price, $3.00 100; $25.00 1000.
J. T. Lovett, Little Silver, N. J.

Dahlia Kaiserin Augusta Victoria, the best white dahlia in existence. Good strong stock from 2½-in. pots, $3.00 doz.; $20.00 100. Orders filled in rotation.
A. L. Miller, Jamaica Ave., Brooklyn, N. Y.

EAST BRIDGEWATER DAHLIA GARDENS. Send for trade list to the winner of highest honors at World's Fair, St. Louis.
J. K. Alexander, East Bridgewater, Mass.

New dahlias of proven merit. All exquisite in form, shape and coloring. Send for descriptive catalogue.
L. K. Peacock, Inc., Atco, N. J.

Dahlia roots, good selection of standard varieties, mixed, $1.50 per 100; $10.00 per 1000.
Jas. D. Hooper, Richmond, Va.

Dahlias. Good commercial sorts, large field clumps, $10.00 per 100.
Batavia Greenhouses, Batavia, Ill.

Mixed dahlias, $2.50 per 100, $20.00 per 1000. Named varieties sold.
O. B. Stevens, Shenandoah, Iowa.

Dahlia plants in variety, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, fine named sorts, 8c.
W. H. Salter, Rochester, N. Y.

DAISIES.

Daisies. Marguerites, both yellow and white, the very best varieties, 40c doz.; $2.00 100; $17.50 1000. Shasta, 50c doz.; $3.00 100.
Good & Reese Co., Springfield, Ohio.

Marguerite daisies, yellow and white, in bud and bloom; fine, bushy plants, $10.00 per 100. Cash with order, please.
Fred Rentschler, Madison, Wis.

Marguerites, 3½ and 4-in. stock, 18 inches high, in full bloom, fine for vases and boxes, $12.00 per 100.
Highland Park Gnhses., Highland Park, Ill.

Daisies, Snowball and Longfellow, 2½-in. pots, $1.50 100; from soil, $1.00 100. Cash.
O. H. House, Babylon, L. I., N. Y.

Marguerites, in bud and bloom, ready for 4-in. pots, $5.00 per 100; $1.00 per doz.
Harmon & Henderson, Iola, Kan.

Marguerite daisies, white and yellow, 4-in., $10.00 100; 2½-in., $4.00 100. Cash.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Marguerite, 2 to 2½-in., $3.50 100; 3-in., $7.50; 4-in., $10.00. Geo. A. Kuhl, Pekin, Ill.

Marguerites, giant white; R. C., $1.00 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Daisies, dbl. white, 75c per 100; $5.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Shasta daisies, $3.00 100; $23.00 1000.
Chas. Gay, Des Moines, Iowa.

Shasta daisies, 2¼-in., $2.50 per 100.
C. R. Hills, Grand Rapids, Mich.

Shasta daisy, 3-in., $3.00 100.
S. V. Smith, 63 Goodman St., Phila.

DEUTZIAS.

Deutzia gracilis, pot-grown, just coming into flower. In fine condition for shipping and immediate use, 25c each, $2.50 doz., $20.00 100.
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IVY.

English ivy, 170 3-in., 2-yr.-old, 4c each. 110 4-in., 3-yr.-old, 10c each. German ivy, rooted cuttings, 75c per 100; 2-in., extra strong, $2.00 per 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

English ivy, 2-in., $2.00; 2½-in., $2.50; 4-in. (plants in pot), $8.00 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

English ivy, 2¾-in., strong, $2.50 per 100. Parlor ivy, 2½-in., fine, $2.00 per 100.
E. G. Bunyar, Independence, Mo.

German ivy, 2¼-in., $1.50 100. English ivy, 2½-in., 3c; 3½-in., 6c each. Cash.
R. I. Hart, Hackettstown, N. J.

Hardy English ivy, 3-in., $4.00 per 100; 2-in., $2.00 per 100.
The Parker Greenhouses, Norwalk, Ohio.

English ivy, extra fine, 4-in., $1.50 doz.
Geo. Wittbold Co., 1657 Buckingham Pl., Chicago.

English ivy, 3½-in., strong, $1.50 doz.; $10.00 100. Cash. Fletcher, Auburndale, Mass.

Kenilworth ivy in 2½-in. pots, 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

Ivy, large leaves, 4-in., $1.50 doz., $10.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

English ivy, 2-in. pots, $2.00 per 100. Cash.
Chase & Son, New London, Ohio.

German ivy, 2½-in. pots, $2.50 100. Cash.
O. H. House, Babylon, L. I., N. Y.

German ivy, rooted cuttings, 75c per 100.
Harmon & Henderson, Iola, Kan.

German ivy, 2½-in., $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

English ivy, fine, bushy plants, 15c.
Eswell Kemp, 33 Grove St., Vailsburg, N. J.

Parlor ivy, 2½-in., $2.50 100.
S. V. Smith, 63 Goodman St., Phila.

JASMINES.

Cestrum or night-blooming jasmine, 2-in., 40c doz.; $2.50 100. Grand Duke, 2-in., 50c doz.; $4.00 100. Grandiflora poetica and revolutum, 2-in., 40c doz.; $2.50 100. Maid of Orleans, 2-in., 50c doz.; $3.00 100.
Good & Reese Co., Springfield, O.

LANTANAS.

Lantana, weeping, fine for baskets and vases, 2-in., 30c doz.; $2.50 100; $20.00 1000.
Good & Reese Co., Springfield, O.

Lantanas, 5 varieties, 2¼-in., $2.00 100; $17.50 1000. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, 2½-in. pots, bud and bloom, $2.50 per 100. E. G. Bunyar, Independence, Mo.

LEMONS.

Lemon ponderosa, the greatest of all plants for florists; blooms and bears enormous size fruit, easily handled, 2-in., 50c doz., $3.00 100, $25.00 1000; 3-in., 15 inches high, $1.00 doz., $8.00 100; 4-in., 20 inches high, $1.50 doz., $12.00 100; 6-in., 36 inches high, $5.00 doz.
Good & Reese Co., Springfield, O.

LILACS.

Pot-grown Mme. Lemoine and Marie Legraye just coming into flower and in fine condition for shipping and immediate use, 75c each, $6.50 doz., $50.00 100.
Cleucas & Boddington Co., 131 West 23rd St., New York.

LILY OF THE VALLEY.

Select valley pips from cold storage, thoroughly frozen, $13.00 1000; $1.50 100.
H. N. Bruns, 1409 W. Madison St., Chicago.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Dwarf blue lobelias, rooted cuttings, $1.00 100, $8.00 1000; 3-in. in bud and bloom, $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Lobelia cardinalis, large plants, 25c each; $1.00 per 10; $5.00 per 100; $30.00 per 1000.
L. E. Williams, Nottingham, N. H.

Lobelia, 2½-in., large plants, dwarf and trailing, $3.00 per 100. Cash with order, please.
Fred Rentschler, Madison, Wis.

Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
J. B. Keller Sons, Rochester, N. Y.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Trailing lobelia, 2-in., $2.00 100.
S. V. Smith, 63 Goodman St., Phila.

Lobelias compacta and speciosa, 2¼-in., $1.00 100. J. S. Bloom, Riegelsville, Pa.

Lobelias, strong, 2-in., blooming, $1.50 per 100. Wm. S. Herzog, Morris Plains, N. J.

Lobelia gracilis, strong 2¼-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

Lobelia, dwarf blue, 2½-in., $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

MANETTI STOCKS.

Manetti stocks for fall delivery, well rooted, fine stock, 7 to 10 mm., $5.00 1000; $400.00 100,000. M. Gieleh, Oudenbosch, Holland.

MAURANDIAS.

Maurandia, new giant blue. For description and prices, see display adv. in issue of May 18, of the Review, page 1605.
Wm. Bierstadt & Son, Springfield, Ill.

Maurandia vine, alba; thrifty stock in 2½-in. pots, in bud and bloom, $3.00 100.
N. Smith & Son, Adrian, Mich.

MIGNONETTE.

Mignonette, 2-in., $1.50 100. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

MOONVINES.

Moonvines. 4-in., $10.00 100; 2½-in. stock, $2.50 100. Cash.
National Plant Co., Dayton, O.

Moonvines, white, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
James D. Hooper, Richmond, Va.

Moonvines, 2 to 2½-in., $5.00 100; hardy roots, $1.50 doz. Geo. A. Kuhl, Pekin, Ill.

150 moonvines, 3-in. pots, $2.50 per 100. Cash. Mrs. Geo. J. Starr, Wilson, N. C.

Moonvines, white, 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

PURE CULTURE mushroom spawn, 15c per lb., $1.25 per 10 lbs., $10.00 per 100 lbs. ENGLISH VIRGIN spawn, fresh importation, 8c per lb., 75c per 10 lbs., $6.00 per 100 lbs.
Cleucas & Boddington Co., 131 West 23rd St., New York City.

NASTURTIUMS.

Nasturtiums. Double red, one of our best things for vases and boxes, always in bloom, 3½-in., excellent stock, $12.00 per 100.
Highland Park Gnhses, Highland Park, Ill.

NICOTIANAS.

Nicotiana Sanderae, new red-flowered tobacco; everybody will want it; per doz., $1.00; per 100, $7.00. J. Sylvester, Oconto, Wis.

Nicotiana Sanderae, 2¼-in., $1.00 doz.
C. R. Hills, Grand Rapids, Mich.

OLEANDERS.

Oleander, double pink, 2-in., $3.00 100.
Good & Reese Co., Springfield, O.

ORANGES.

Oranges. Otahelte, 2-in., $3.00 100.
Good & Reese Co., Springfield, O.

ORCHIDS.

Orchids. Before removal I desire to dispose of about 50 hybrid cattleyas, laelias and laeliocattleya, duplicate plants. Also a few hundred established cattleyas; labiata, Mossiae, Mendellii, Schroederae and Trianae. Prices, 5-7 bulbs, $1.50; 7-9, $2.00; 9-12, $2.50; 12-15, $3.00; 15-20, $3.50; 20-25, $5.00 each. Hybrids, $5.00 each, while they last.
Dr. R. Schiffmann, St. Paul, Minn.

Indian orchids. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, D. crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxalli, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii. Fred Varden, Fall River, Mass.

Fresh importation of CATTLEYA TRIANEA just received in fine condition. We offer them until sold at $55.00 per case, original case of 40 to 50 plants.
Cleucas & Boddington Co., 131 West 23rd St., New York.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

OTHONNAS.

Othonna crassifolia, an indispensable vine for filling. Extra strong plants in 2¼ and 2½-in. pots, $3.00 100.
N. Smith & Son, Adrian, Mich.

PALMS, ETC.

Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 100; 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
John Bader, Troy Hill, Allegheny City, Pa.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Geo. Wittbold Co., 1657 Buckingham Pl., Chicago.

Cool-grown Pandanus Veitchii, sure to give satisfaction out of doors, 7-in., $12.00 doz.; 8-in., $18.00 doz.; a few larger plants, at $2.00 to $2.50 each. These plants are good value.
J. Welsh Young, Germantown, Pa.

Phoenix canariensis, something fine for lawn, hotel and piazza decorations. Ask for prices.
Julius Roehrs Co., Rutherford, N. J.

Chamaerops excelsa, extra fine, 4-in., $5.00 per 100. Cash. Sample free.
S. B. Ritter, Port Royal, S. C.

Write for quotations on palms and other decorative stock.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

500,000 pansies, finest strain on the market. We grow all our own seed and for color, variety, size and substance they are unequaled. Comparison invited. Stocky, blooming plants, $10.00 1000. Larger sizes, $15.00 and $20.00. Express only. Cash.
I. E. Coburn, 291 Ferry St., Everett, Mass.

Pansies, northern grown, twice transplanted, bushy, and in bud and bloom, of Vaughan's International, Paris Market, Bugnot, Masterpiece, Mme. Perret, Giant Yellow, White Beaconfield, Bronze, etc. Mixed or separate, $1.50 per 100. Too large to mail. J. Sylvester, Oconto, Wis.

Large transplanted plants of Bugnot, Cassier, Odier and Trimardeau strains, from cold frame, 50c 100, $3.00 1000. Extra large, in bud and bloom, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies. Fine transplanted stock from cold frames, in bud and bloom, $1.00 per 100 by mail; $8.00 per 1000 by express.
S. W. Pike, St. Charles, Ill.

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100, $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

PANSY PLANTS—Continued.

Pansies, large, field-grown, in bud or bloom, elegant collection, $1.25 100, $10.00 1000. Cash.
C. S. Chase, Dighton, Mass.

Pansies, giant flowering, extra large, wintered-over plants in full bloom, $2.50 100. Cash.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Pansies, extra fine, field-grown plants, giant mixture, $1.25 per 100; $10.00 per 1000.
The Stafford Greenhouses, Marquette, Mich.

50,000 pansies, fall transplanted; extra large plants, full of bloom, $1.00 per 100.
L. J. Rowe, Titusville, Pa.

Pansies, twice transplanted, just coming into bloom, $1.00 per 100. Cash, please.
A. R. Knowles, Bloomington, Ill.

Giant pansies, extra fine strain in bloom; nice large clumps, $1.25 per 100.
The Stover Floral Co., Grandville, Mich.

Pansies. Extra fine stock, in bud and bloom, $1.25 100; $12.00 1000.
The Park Floral Co., Grand Rapids, Mich.

Pansies, separate colors—yellow, white and blue, $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Pansies, choicest strains; transplanted plants, $3.00 per 1000. F. Griswold, Worthington, O.

PAPAVERS.

Papaver in 2½-in. pots, 3c each. Cash.
Huntingdon Greenhouses, Huntingdon, Pa.

PELARGONIUMS.

Pelargoniums, our selection of 30 varieties, all in bud and bloom, 3½-in., good as any 4-in., $10.00 per 100; 2½-in., $5.00 per 100.
J. Sylvester, Oconto, Wis.

Pelargoniums, double white, 5-in., 20c; 6-in., 30c. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Pelargoniums, 3-in., $7.50 100; 4-in., $12.50.
Geo. A. Kuhl, Pekin, Ill.

PENNISETUMS.

Pennisetum Ruppellianum, 2½-in., $4.00 per 100. Rhoten Bros. & Co., Box 5, Danville, Ill.

PEONIES.

All stock guaranteed true to name. Send in your orders early to be assured of a good collection for fall planting. Catalogues now ready and will be sent free on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Cut Peonies for Decoration day in crimson, pink, rose, white, etc. A splendid assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

PETUNIAS.

Petunias, 2¼-in. Dreer's double, mixed, $2.50 100. Dreer's superb single, mixed, $2.00 100, $15.00 1000. Fine, mixed, $1.50 100, $12.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Dreer's fancy double petunias, heavy, well branched, in bloom, 3 and 3½-in., $6.00 per 100.
Riverside Greenhouses, Gardner, Mass.

Double petunias, 5 and 6-in., plants as wide as they are high, full of bud and bloom, $12.00 per 100. L. J. Rowe, Titusville, Pa.

Dbl. fringed petunias, in bud; 2½-in., $2.00 100; 3-in., $4.00 100. Cash, please. Can ship at once. Krueger Bros., Toledo, O.

Petunias, Howard's Star and California, 3 and 4-in. pots, $3.00 to $5.00 per 100.
J. S. Bloom, Riegelsville, Pa.

Petunia Berkshire, the grand new Bridesmaid pink, 4-in., extra fine, $10.00 per 100.
Highland Park Gnhses., Highland Park, Ill.

Petunias. Dreer's single fringed in bud and bloom; bushy, 3-in., $2.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Petunias, Dreer's best double in all colors, 4-in., $8.00 100; 2½-in., $3.50 100.
Cation Greenhouse Co., Peoria, Ill.

Double petunias. Three of the best varieties, 2¼-in. pots, $2.50 100.
N. Smith & Son, Adrian, Mich.

Double petunias, $3.00 100; seedlings, $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Double petunias, 2 to 2½-in., $3.50 100; 3-in., $5.00; 4-in., $10.00. Geo. A. Kuhl, Pekin, Ill.

Petunia dbl.; R. C., 10 best 75c per 100; 2-in., 1½c. Byer Bros., Chambersburg, Pa.

Petunias, 2½-in. pots, bud and bloom, $2.50 per 100. E. G. Bunyar, Independence, Mo.

Double white petunias, 3-in., $6.00 100.
S. V. Smith, 63 Goodman St., Phila.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Seedling petunias, $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

PHLOX.

Phlox Drummondi, dwarf, 2½-in., $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Hardy phlox, $2.50 100.
National Plant Co., Dayton, O.

POINSETTIAS.

DOUBLE POINSETTIAS keep longer and brighter than the single. Good plants from 3-in. pots, $1.75 per doz. J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Poinsettias, 2-in., $3.00 100; $25.00 1000; 3-in., $5.00 100.
Good & Reese Co., Springfield, O.

PRIMULAS.

Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready in June, $3.00 100.
A. Jablonsky, Wellston, Mo.

Primroses. Chinese obconica and Forbesi, July 1st, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primula Forbesi, Baby primroses, 2-in., 50c doz.; $2.50 100.
Good & Reese Co., Springfield, O.

Chinese primroses, 2-in., July delivery, $3.00 100. D. U. Augspurger & Sons, Peoria, Ill.

PRIVET.

Privet, 12 to 18 inches, $7.00 1000; 18 to 24 inches, $10.00; 2 to 3 feet, $15.00 1000. Mention the above prices when ordering.
The Elizabeth Nursery Co., Elizabeth, N. J.

CALIFORNIA PRIVET. Choice stock. For sizes and prices see display adv. in this issue.
J. H. O'Hagan, Little Silver, N. J.

Privet, 2 yrs., transplanted, 3 to 3½ ft., extra fine, $3.00 per 100; $30.00 per 1000.
Benj. Connell, West Grove, Pa.

California privet, 3-yr., strong, $3.00 100; $25.00 1000. Cash.
Jas. Ambacher, West End, N. J.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Carriage psid.
J. A. McDowell, Ap. 167. City of Mexico, Mex.

ROOTED CUTTINGS.

Rooted cuttings of coleus in variety, lobelia, ageratum, sweet alyssum and cuphea, 50c 100. Cash. No order filled for less than $1.00.
Critchell's, Avondale, Cincinnati, O.

ROSES.

ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
Richmond.	$30.00	$250	La Detroit.	$6.00	$50.00
Chatenay ...	3.00	25	English ..	25.00	200.00
Godesberg ..	5.00	40	Uncle John	3.00	25.00
Liberty	5.00	45	Bride	3.00	25.00
Kaiserin	3.00	25	Ivory	1.50	12.50
Bridesmaid..	3.00	25	Am. Beauty	5.00	40.00
Perle	3.00	25			

American Beauty, bench plants, $5.00 100; $40.00 1000.

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

GEN. MacARTHUR, the most prolific flowering red rose in the market, 2½-in. pot plants, own roots, $10.00 100; $80.00 1000. Strong grafted stock from 3-in. pots, $12.00 100.

Surplus stock of standard varieties of everblooming bedding roses. Strong, healthy stock from 2½-in. pots, Bride, Bridesmaid, White Maman Cochet, Mary Washington, Queen's Scarlet, etc. Strictly our choice of varieties in good assortment, $2.00 100; $17.00 1000.
Storrs & Harrison Co., Painesville, O.

GRAFTED ROSE STOCK.

Bride, Bridesmaid, Kaiserin, Carnot and Liberty, extra large plants, $15.00 per 100; $120.00 per 1000.

OWN ROOT STOCK.

Bride, Maid, Kaiserin, Carnot and Liberty, extra large plants, $4.00 per 100; $35.00 per 1000.

American Beauty, $6.00 per 100; $50.00 per 1000.

W. H. ELLIOTT, BRIGHTON, MASS.

Roses.	100	1000		100
Beauties, 2½-in.	$5.00	$45	3½-in.	$7.00
Chatenay, 2½-in.	4.00	30	3½-in.	5.00
Uncle John, 2½-in....	4.50	40	3½-in.	6.00
Bridesmaid, 2½-in.	4.00	35	3½-in.	5.50
Golden Gate, 2½-in....	3.50	30	3½-in.	5.00

Cut back, bench Beauties, $45.00 1000. Meteor, Maid, Bride, Gate, Chatenay, Perle, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Brideamaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses. Nice plants from 2-in. pots, $2.00 per 100—Tennessee Belle, Maman Cochet, Marie Van Houtte, Golden Gate, Mme. F. Kruger, Striped La France, Ivory, C. Soupert, Mrs. De Graw, Marie Guillot, Duchess De Brabant, Snowflake, Mary Washington, Princess Sagan, Empress of China, Philadelphia Rambler, $3.00 per 100.
Fairview Floral Co., Beatty, O.

Rose novelties. Red hybrid teas. Good forcing varieties for bedding purposes. All leading varieties. Grussan Sangerhausen, 4s each; Etoile de France, 2s each, £8 1s per 100; A. Singer, 1s 6d each, £6 per 100; W. Cordes, 4s each, 10 plants, £1 10s; Fritz Hochberg, 4s each, 10 plants, £1 10s.
Peter Lambert, Trier, Germany.

La Detroit, 2½-in., $8.00 100; $75.00 1000; 3½-in., $12.00 100; $100.00 1000. Gen. MacArthur, 2½-in., $8.00 100; $75.00 1000; from benches, $10.00 100. Papa Gontier, 2½-in., $4.00 100. Mme. Hoste, 2½-in., $4.00 100. Mildred Grant, 2½-in., $10.00 100.
J. BREITMEYER'S SONS, Detroit, Mich.

Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Grafted roses for forcing. Free from mildew. Liberty, rose pots, $15.00 100; 3½-in. pots, $18.00 100; Maid, Bride, Golden Gate, Kaiserin, rose pots, $10.00 100; $95.00 1000; 3½-in. pots, $15.00 100; $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

Roses, grafted for delivery now and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Franz Deegen, $15.00 per 100; Killarney, $16.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Good roses, ready to plant now, well-grown plants. Bride, Maid, Gate, Ivory, Hermosa, nice plants, 2¼-in., $3.00 100; 3-in., $5.00 100. Meteor and Canadian Queen, 2¼-in., $3.00 100; 3-in., $6.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Roses, propagated from grafted stock. Strong, healthy and well rooted. Extra fancy stock.
Brides, Maids, 3-in., $6.00.
Liberty, 3-in., $8.00.
Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2½-in. pot plants, $2.50 doz.; $17.50 100; $150.00 1000.
Dingee & Conard Co., West Grove, Pa.

Roses from 2½-in. pots, fine stock. Bride, Bridesmaid and Chatenay, $3.50 per 100. Cash. If not satisfactory they may be returned and money will be refunded.
Holton & Hunkel Co., Milwaukee, Wis.

1000 MacArthur, good 3-in. stock, $8.00 per 100.

1500 Liberty, grafted and own root. Strong plants from bench. Write for prices.
A. C. Canfield, Springfield, Ill.

Rose plants. Hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc.; for prices and varieties see display adv. in this issue.
C. M. Niuffer, Springfield, Ohio.

Roses, 3-in. stock. American Beauties, $6.00 per 100. La Detroit, $8.00 per 100. Chatenay, Perle and Sunrise, $5.00 per 100.
C. R. Hills, Grand Rapids, Mich.

Roses, 2-yr.-old, 4-in. pots, 40 varieties, our selection, $6.00 100. Roses, 40 varieties, our selection, $2.00 100; $15.00 1000.
National Plant Co., Dayton, O.

We have 300,000 roses, 2 and 4-inch pot plants, extra fine. Send for prices and varieties. Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Bride, Bridesmaid and Golden Gate, extra strong stock out of 3-in. pots, $4.00 100; $35.00 1000. John C. Hatcher, Amsterdam, N. Y.

We have a limited supply of extra fine plants of Chatenay, Uncle John, and Perle. Write us.
J. M. Gasser Co., Cleveland, O.

Surplus stock. 100 MacArthur and 150 Deegen, first-class stock from 2½-in., $2.00 100.
W. C. Rockwell, Bradford, Pa.

Roses, 3-yr.-old grafted Kaiserins, in 6-in., now in bud ready to plant, $10.00 100.
S. J. Bunting, Elmwood & 58th, Phila.

American Beauty plants, a fine lot from 2½-in. pots, $4.00 100; $35.00 1000.
John Muno, Rogers Park, Chicago.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices.
John Young, 51 West 28th St., N. Y.

The new rose, WELLESLEY, own root plants, $25.00 100.
Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

Roses, list of good standard varieties, $3.00 100; $25.00 1000.
Burdell Floral Co., Bowling Green, Ky.

Baby Rambler roses, fine, 2½-in. pots, $3.00 doz.; $20.00 100.
Good & Reese Co., Springfield, O.

American Beauty plants from bench, $5.00 100; $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

La France roses, strong 4-in. plants, $15.00 100. Cash.
Critchell's, Avondale, Cincinnati, O.

Hybrid Memorial roses, 6 varieties, 2½-in., $2.50 100.
Young & Sons Co., Olive St., St. Louis, Mo.

Meteor roses, 2½-in., $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

RUBBERS.

Ficus elastica, rubber plant, 12 to 15 in. high, $3.00 doz. Good & Reese Co., Springfield, O.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

SALVIAS.

Salvia Bonfire, extra fine stock, in bud and bloom, 4-in., $10.00 per 100; 3½-in., $7.00 per 100.
Lord Fauntleroy, the best of the dwarfs, 3½-in. stock, in full bloom, $8.00 per 100.
Highland Park Gnhses., Highland Park, Ill.

A1 Salvia splendens, 2-in., at $1.50 per 100; $15.00 per 1000. Owing to recent fire muat have cash. S. W. Carey, North End Florist, Urbana, O.

Salvias St. Louis and Clara Bedman, 2-in., $4.00 100. Mrs. C. N. Page, 2-in., $6.00 100. Cash.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Salvia splendens, good stocky 2½-in. plants, $1.25 per 100; $10.00 per 1,000.
Chas. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

1000 scarlet sage, Bonfire, strong, 2¾-in. pots, fine and bushy, $3.00 per 100. This is extra fine stock. F. E. Cremer, Hanover, Pa.

Salvia splendens, in bud, 2½-in., $2.00 100; 3½-in., $4.00 100. Cash, please. Can ship at once. Krueger Bros., Toledo, O.

30,000 salvias. Bonfire and splendens, strong 2, 3 and 4-in., $1.50, $2.50 and $3.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia R. C.—Bonfire, splendens, Silverspot, 75c per 100, prepaid; 2-in., 1½c. Cash.
Byer Bros., Chambersburg, Pa.

Salvia Bonfire, strong plants from 2-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Salvia, new dwarf variety, strong, healthy stock, 75c 100. Cash.
John Brod, Niles Center, Ill.

Salvias Bonfire and splendens, 2½-in., 50c doz., $3.00 100.
C. Eisele, 11th and Jefferson Sts., Phila.

Salvias, 2 to 2½-in., $2.50 100; 3-in., $5.00.
Geo. A. Kuhl, Pekin, Ill.

Salvias, in soil, 14 plants in box, $15.00 100 boxes. Cash. C. S. Chase, Dighton, Mass.

Salvia splendens, 4-in., $8.00 100; 3-in., $5.00.
Cation Greenhouse Co., Peoria, Ill.

Salvias splendens, Bonfire, prepaid, 90c per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Salvias, 6 best sorts, 2-in., 40c; $2.50 100; $20.00 1000. Good & Reese Co., Springfield, O.

Salvias. Nice 3-in. Bonfire, $20.00 1000. Cash.
Roney Bros., West Grove, Pa.

Salvia splendens, 4-in. pots, $6.00 per 100.
The Stover Floral Co., Grandville, Mich.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, 3-in., $5.00 per 100. Cash.
John H. Trentmann, Delphos, Ohio.

Salvias, 3½-in., very large, $6.00 per 100.
L. J. Rowe, Titusville, Pa.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvia Triumph, 2½-in., $2.50 per 100.
Wm. Clark, Batavia, Ill.

Salvia Bonfire, 4-in., $8.00 per 100.
S. J. Bunting, Elmwood & 58th., Phila., Pa.

1000 2-in. salvias, $2.00 per 100.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Salvia, 2½-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Salvia splendens, $2.00 per 100.
C. L. Reese, Springfield, Ohio.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, $2.00 per 100.
C. M. Niuffer, Springfield, Ohio.

Salvias, $2.00 100.
National Plant Co., Dayton, O.

SANSEVIERIAS.

Sansevieria zeylanica, 2-in., 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Sansevieria zeylanica, 3-in., 75c doz., $5.00 100. C. Eisele, 11th and Jefferson Sts., Phila.

SANTOLINAS.

Santolinas, 2-in., $2.00 per 100, $18.00 per 1000. C. Winterich, Defiance, Ohio.

Santolinas, 2 to 2½-in., $2.50 100.
Geo. A. Kuhl, Pekin, Ill.

SEEDS.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also.
Primula obconica, finest improved, large flowering, fringed, mixed, 1000 seeds, 50c.
Cineraria, finest large flowering, dwarf, mixed, 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

England's prize strains of cineraria and Chinese primrose. English prize dwarf, mixed; half dwarf, and James' giant strain, ½ trade packet, 60c; trade packet, $1.00. Primula Sinensis (Chinese fringed primrose). English prize fringed, mixed, 100 seeds, 20c; 500 seeds, $1.00; 1000 seeds, $1.75. Obconica grandiflora, mixed, trade packet, 30c. Stellata (star primula), trade packet, 50c. Forbesi (Baby primrose), 40c trade packet.
Johnson & Stokes, 217-219 Market St., Phila.

Seeds of QUALITY for present sowing. Primula sinensis, MAGNIFICENT, mixed; sinensis, separate colors; obconica, rose and crimson, mixed; Cineraria grandiflora, dwarf, mixed; Mignonette, Boddington's MAJESTY. Price, trade pkt., $1.00; ½ trade pkt., 60c.
A. T. Boddington, 342 W. 14th St., New York.

Primula, fringed Chinese, Alba magnifica, Chiswick Red, blue, Kermesina splendens, striped or mixed, ½ trade packet, 60c; trade packet, $1.00. Cineraria, gold medal mixture, tall or dwarf, ½ trade packet, 60c; trade packet, $1.00.
Henry Philipps Seed Co., Toledo, O.

Asparagus plumosus nanus seed, lath-house grown, $1.75 per 1000. Smilax seed, $1.25 lb. Canna seed, mixed, Crozy's, $1.00 lb. Crop of 1905. Cash with order. E. Fleur, Oak Grove Nurseries, 406 N. Los Angeles St., Los Angeles, Cal.

Genuine Bermuda onion seed grown and exported by us. Write for prices at once. Orders accepted only from wholesalers and the best of references required.
Wildpret Bros., Port-Orotava, Teneriffe, Canary Islands.

Now is the time to sow the new hybridized giant-flowering OBCONICA PRIMROSES. For varieties and prices see my display adv. which also contains a list of other seeds.
O. V. Zangen, Hoboken, N. J.

MICHELL'S PRIZE STRAIN of primulas is the finest on the market. See display adv. for varieties and prices. Also send for our catalogue.
H. F. Michell Co., 1018 Market St., Phila.

Asparagus plumosus nanus, 99% germination, 30c 100; $2.00 1000; $9.00 5000. Sprengeri, new crop, 15c 100; $1.00 1000; $4.00 5000.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
J. C. Schmidt Co., Bristol, Pa.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Home-grown Lilium tenuifolium seeds.
Fred Burdett, Clifton, New York.

Sweet or Sugar Corn—
Crosby's Extra Early, selected, per bu....$2.00
Country Gentlemen, per bu..... 2.50
Chas. B. Hornor & Son, Mt. Holly, N. J.

Asparagus plumosus nanus seed, local grown, this season's crop, lots of 5000 or more, $2.00 1000.
S. Feast & Sons, 331 N. Charles St., Baltimore.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Asparagus plumosus nanus seed just ripening. Send for free sample, J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c.
Wm. Linfoot, N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Lawn grass seed in bulk and packages. Special price to dealers.
The Albert Dickinson Co., Chicago.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for the florist. Catalogue free.
W. W. Rawson & Co., Boston, Mass.

A few thousand Ampelopsis Veitchii seed, $1.00 per lb. H. Steinmetz, Raleigh, N. C.

Pansy seed ready in July, $4.00 oz.
Jos. H. Cunningham, Delaware, O.

SEEDLINGS.

Seedlings. Gaillardia gr. fl., mixed; sweet williams, double, mixed; cosmos, tall, mixed; hollyhock, mammoth, extra choice, mixed; pansy, extra choice, mixed; Aster Imp. Victoria, apple blossom; Aster Imp. Victoria, light blue; Aster Imp. Victoria, white, 40c per 100. Postpaid. Cash or C. O. D.
J. H. Dann & Son, Westfield, N. Y.

SMILAX.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

Smilax from seed bed, 25c per 100; $2.00 per 1000, postage paid.
Harvey B. Snow, Camden, New York.

Smilax, 2-in., 30c doz.; $2.00 100; $18.00 1000.
Good & Reese Co., Springfield, O.

Smilax, ready in June, $1.25 100. Cash.
J. H. Cunningham, Delaware, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, strong, 2-in., $1.20 100.
F. Griswold, Worthington, Ohio.

Smilax, 2¼-in., $2.00 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100; $12.50 1000. 2½-in., $2.50 100; $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, 2½-in., 40c per doz.; $2.00 per 100.
Harmon & Henderson, Iola, Kan.

2000 stevia cuttings, 75c per 100.
Faber Bros., Kankakee, Ill.

STOKESIAS.

Stokesia cyanea, fine pot plants, 4c. Cash.
Benj Connell, West Grove, Pa.

SWAINSONAS.

Swainsona, 2 sorts, white and pink, 2-in., 50c doz.; $3.00 100.
Good & Reese Co., Springfield, O.

Swainsona, white, 4-in. pots, $8.00 100.
S. V. Smith, 63 Goodman St., Phila.

UMBRELLA PLANTS.

Cyperus alternifolius, 2-in., 40c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Umbrella plants, 2¼-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

VEGETABLE PLANTS.

Early cabbage plants, stocky, twice transplanted, ready for setting, $2.50 per 1000; $2.00 per 1000 on orders for 5000 or over. All sizes of tomato plants. Write for price list of other vegetable and pansy plants, all the standard varieties. Sample plants mailed.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Millions of celery, cabbage, sweet potato, tomato and all other plants. See my display adv. in this issue.
Ludvig Mosbaek, Onarga, Ill.

VEGETABLE PLANTS—Continued.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

PIERSON—Extremely early and the greatest yielder of any variety in cultivation. The tubers are light yellow or straw color, of good shape and fair quality, a splendid keeper, $2.00 per 1000.

VINELAND BUSH—Yellow variety, grows in true bush form, productions of good shape and fine quality, $2.25 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 50c per 100; by mail.

A large stock of stout, healthy plants now ready. Cash with order.

H. AUSTIN, Felton, Del.

TOMATOES—Earliana, Chalk's Early Jewell, Dwarf Stone, Dwarf Champion, etc., 30c per 100, $2.00 per 1000. Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000. Ready for transplanting.

CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.

BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.

PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.

Cash with order.

See our flower plant adv. in this issue.

R. VINCENT, JR. & SON, White Marsh, Md.

SWEET POTATO PLANTS.

Yellow Jersey, Red Yams, Southern Queens and Red Jersey, 20c per 100; $1.25 per 1000.

Late cabbage—Flat Dutch, Harris' Perfection, Drumhead and Danish Ballhead, 15c per 100; $1.00 per 1000.

Tomato plants—Stone, Maule's Imperial, Dwarf Tree or Champion, 15c per 100; $1.00 per 1000.

S. J. McMichael, 142 Larkins St., Findlay, O.

Celery plants, very large, $1.00 1000. Prepaid. Chas. Gay, Des Moines, Iowa.

Tomatoes—Best varieties, 40c 100; $3.00 1000. H. F. Janssen, 109 N. State, Springfield, Ill.

Large plants of Beauty tomato, $2.50 1000. F. Griswold, Worthington, O.

Tomato plants, $8.00 1,000. Cash. Converse Greenhouses, Webster, Mass.

Egg plants, 2¼-in., $2.00 100. J. S. Bloom, Riegelsville, Pa.

VERBENAS.

Verbenas. If you want well-grown plants, 2½-in. stock, in bud and bloom, we have them at $3.50 per 100. Highland Park Gnhses., Highland Park, Ill.

Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbena seedlings. Mammoth J. & S. strain, in separate colors, 40c per 100, $3.50 per 1000. Prepaid. Harvey B. Snow, Camden, New York.

Verbenas, 10 large flowering varieties in separate colors, 2½-in., $2.00 per 100. Jas. D. Hooper, Richmond, Va.

Aloysia citriodora or lemon verbena, 2-in., 35c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Verbenas, 3-in., twice potted, in bud and bloom, $3.00 per 100. L. J. Rowe, Titusville, Pa.

Verbenas, mammoth; 2¼-in., clean, healthy stock, $2.00 per 100. C. R. Hills, Grand Rapids, Mich.

Verbenas in bud, strong 2 and 3-in., $1.25 to $2.00 per 100. Wm. S. Herzog, Morris Plains, N. J.

Verbenas, mammoth, in soil, 14 plants in box. $15.00 100. Cash. C. S. Chase, Dighton, Mass.

Verbenas, 2½-in., fine bushy mixed varieties, $2.50 per 100. J. Sylveater, Oconto, Wis.

1000 verbenas, strong plants, 3-in., $3.00 per 100. Maurice J. Brinton, Christiana, Pa.

Verbenas, 3-in. pots, fine plants, $3.00 per 100. The Stover Floral Co., Grandville, Mich.

Lemon verbenas, strong and bushy, 3-in., $4.00 100. Young & Sons Co., Olive St., St. Louis, Mo.

Verbenas, strong, healthy stock, 75c 100. Cash. John Brod, Niles Center, Ill.

Verbenas, 2¼-in., $1.50 100. J. S. Bloom, Riegelsville, Pa.

Verbenas, 2-in., $2.00 100. E. I. Rawlings, Quakertown, Pa.

VINCAS.

50,000 Vinca major var., 2-in. pots, $1.50 per 100; $13.00 per 1000. Transplanted, $1.00 per 100; $8.00 per 1000. P. J. Agnew, Springfield, Ohio.

20,000 Vinca var., strong plants, 3-in., $5.00; 2½-in., $3.00; 2-in., $2.50 per 100. Cash. All worth the money. Ludvig Mosbaek, Onarga, Ill.

Vinca major, 3½ and 4-in., very strong, stocky vines, $10.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Vinca variegata, 3-in., $4.00 per 100; 4-in., strong, $8.00 per 100; 5-in., very strong, $15.00 100. B. Hasselbring, Flint, Mich.

Vinca major var., 2-in., 40c doz., $2.50 100, $20.00 1000. Vinca major, 4-in., 75c doz., $6.00 100. Good & Reese Co., Springfield, O.

Vincas. 50 5-in. white-leaved vinca vines, and 50 4-in., 15 and 18 cents each. Field grown. O. L. Baird, Dixon, Ill.

Vinca var. major, 2-in., $2.00; 4-in., $7.00. R. C., $1.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca variegata, 500 5-in., $12.00 100; 500 4-in., $10.00 100. Cash. Paul Brummer, Corona, L. I., N. Y.

Vincas, 3-in., 3 to 4 leaders, strong, $6.00 per 100. Cash. John H. Trentmann, Delphos, Ohio.

Vincas, 4-in. pots, strong plants, $6.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Vinca major variegata, 4-in., $10.00 100; 3-in., $4.00. Cation Greenhouse Co., Peoria, Ill.

Vinca variegata, 2-in. pots from cold frame. $2.00 100. C. M. Niuffer, Springfield, Ohio.

Myrtle (vinca minor), $10.00 and $20.00 per 1000. S. J. Galloway, Eaton, Ohio.

Vincas, 2 to 2½-in., $3.50 100; 3-in., $5.00; 4-in., $12.50. Geo. A. Kuhl, Pekin, Ill.

Periwinkle, variegated; 4-in. pots, $7.00 100. S. V. Smith, 68 Goodman St., Phila.

Vinca variegata, 4-in. pots, $10.00 100. Cash. C. S. Chase, Dighton, Mass.

Vinca variegata, 2½-in., $2.50 100. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Vincas, Madagascar periwinkle, $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Vinca var., 2-in., $2.00 per 100. Cash. Chase & Son, New London, Ohio.

Vinca variegata, fine, bushy plants, 15c. Eswell Kemp, Vallsburg, N. J.

Vinca variegata, 3-in., $3.50 100. National Plant Co., Dayton, O.

VIOLETS.

The new violet, "Southern Beauty," very large, white variegated with blue, the most beautiful violet yet produced. The plant covers itself with long stemmed violets. Fine plants, $1.50 per 100; $12.50 per 1000. Russian violet, $1.25 per 100; $7.50 1000. Mrs. J. O. Crabb, Cedartown, Ga.

Russian violets, strong, healthy, field-grown plants. Flowers large, single, purplish blue, with good stems and profuse bearers, $1.00 per 100; $9.00 per 1000, F. O. B. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Violets from 2-in. pots. Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell, double. All at $2.50 100; $20.00 1000. Eli Cross, Grand Rapids, Mich.

5000 Campbell and Marie Louise violet clumps, will average 25 well rooted runners to the clump, $5.00 per 100. Cash. Paul Thomson, West Hartford, Conn.

Young violet plants, Marie Louise, from healthy vigorous stock, $3.00 per 100, $25.00 per 1000. F. R. Snyder, Box 233, Rhinebeck, N. Y.

Princess of Wales violets, fine plants from healthy, vigorous stock, $10.00 per 1000. Wm. B. Roberts, Medfield, Mass.

Lady H. Campbell violet runners, fine plants from soil, $1.00 per 100; $8.00 per 1000. Howard Miles, Parkersville, Pa.

1000 Princess of Wales violet plants, $10.00 takes them. Cash, please. A. R. Knowles, Bloomington, Ill.

Violets, Marie Louise, sand rooted, $1.50 100; $15.00 1000. Cash. O. H. House, Babylon, L. I., N. Y.

Marie Louise violets, fall struck cuttings, $10.00 1000. Geo. B. Hart, 21 Stone St., Rochester, N. Y.

Violets. Rooted runners of California violets, 50c per 100. E. G. Bunyar, Independence, Mo.

Princess of Wales violets, rooted runners, $5.00 1000. Sol. Garland, Des Plaines, Ill.

MISCELLANEOUS.

Justicia, plume plant, 2-in., 50c doz., $3.00 100. Pittosporum tobira, fine plants, 2½-in., 75c doz., $6.00 100. Russelias, 3 sorts, 2-in., 40c doz., $2.50 100. Rhynchospermum jasminoides, 2-in., 40c doz., $3.00 100, $25.00 1000. Solanum azureum, blue solanum, 2-in., 50c doz., $3.00 100. Stapelia or starflower, 2-in., 40c doz., $2.50 100. Good & Reese Co., Springfield, O.

Maurandya vines, thrifty 2½-in., $3.00 100. Othonna crassifolia, a fine trailer, 2¼-in., bushy, $3.00 100. N. Smith & Son, Adrian, Mich.

TO EXCHANGE.

To Exchange—Heliotrope, rooted cuttings or 2 and 2½-in., for anything we can use. Burdell Floral Co., Bowling Green, Ky.

WANTED.

Wanted—5000 cannas in the following var.: A. Bouvier, Chas. Henderson, Egandale, Black Beauty, Florence Vaughan, Mme. Crozy, Martha Washington and Mont Blanc. Cash offer for part or all wanted. Ludvig Mosbaek, Onarga, Ill.

Wanted—2,000 to 3,000 Boston ferns in 2 to 2½-inch pots; also 4,000 to 5,000 ferns, in flats, for dishes. Send sample with prices. Must be good stock. Parkside Greenhouses, 746 E. 70th St., Chicago.

Wanted—Gladiolus stock. Any person having 25,000 or more gladioli, ¾ to 1¼, they want to sell low for cash, write at once. Michigan Seed Co., South Haven, Mich.

Wanted—500 poinsettia rooted cuttings. Send sample and price. J. P. King, Mt. Airy, Md.

Wanted—Mexican, or silver striped peperomia. McGregor Bros. Co., Springfield, O.

CANE STAKES.

Japan bamboo cane stakes, durable, for staking lilies, mums, roses, dahlias, etc., 3x4 ft. long, 50c 100; $3.00 1000; bundle 2000, $5.00; 6 ft. long, 75c 100; $6.00 1000; $10.00 2000. H. H. Berger & Co., 47 Barclay St., N. Y. City.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

CUT FLOWER BOXES.

The best cut flower box is the FULL TELESCOPE—that's ours. C. C. Pollworth Co., Milwaukee, Wis.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review. Livingston Seed Co., Box 104, Columbus, O.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc. Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc. H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnun moss, etc. L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc., good stock, low prices. A. J. Fellouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc. The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Leucothoe, sprays and hardy cut ferns. C. E. Critchell, 36 E. 3d St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc. Michigan Cut Flower Exchange. Detroit, Mich.

For southern wild smilax write Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to E. F. WINTERSON CO., 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

Pure sheep manure, dried, unpulverized and pulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

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GALAX LEAVES. Bronze or green.
A. J. Feilouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
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ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 13 Cliff St., New York.

Good hose. J. G. & A. Esler, Saddle River, N. J.

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To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
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NICO-FUME tobacco paper insecticide by far the best. For sale by seedsmen. Manufactured by
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Nicoticide kills all greenhouse pests.
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Orchid and rotted peat for immediate delivery. Our quality and prices excell. Correspondence solicited.
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Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard flower pots, seed, fern and orchid pans. Quality the best.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

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A. H. Hews & Co., No. Cambridge, Mass.

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RED POTS. Standard pots at bottom figures.
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Raffia. Samples free if you mention The Review. Large assortment of colors.
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There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Live, short sphagnum moss for orchids at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Sphagnum moss, 5-bbl. bale, $2.25.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. Write.
D. U. Augspurger & Sons, Peoria, Ill.

TOBACCO.

Tobacco stems for fertilizer. Car load lots.
Maxwell Mfg. Co., Louisville, Ky.

Fresh tobacco stems, bale of 300 lbs., $1.50.
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TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

VASES.

Iron reservoir vases and lawn settees.
McDonald Bros., Columbus, O.

WIRE SUPPORTS.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

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REVIEW Classified Advs.

WIRE WORK.

Wire work. As manufacturers we eliminate the middleman. None other made as good at our prices.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

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Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

THE HISTORY AND CULTURE OF

Grafted Roses

FOR FORCING

By ALEX. MONTGOMERY, JR.

"The most important contribution to the modern literature of the Rose."

Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.

"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."

FULLY ILLUSTRATED. PRICE, POSTPAID, 25 CENTS.

ADDRESS

Florists' Publishing Co.

Caxton Bldg., 334 Dearborn St., **CHICAGO.**

KANSAS CITY.

The Market.

Very little can be said as to the condition of the market here, as bedding plant trade has taken the place of cut flowers to a great extent. Some of the stores have done a large business, while some report business as light.

Cemetery plants are in demand and move briskly, and some of the houses look bare. A visit among the growers shows business as very good, and all with whom I have talked are well satisfied with the season's work.

Most of the stores are stocking up preparatory to the Memorial day trade. The month of June promises to be a very busy one, as there are an unusual number of weddings to be decorated for.

Various Notes.

W. L. Rock's place on Walnut street is very attractive and his force seems to be always busy.

S. Murray, with an increased business, finds time to look after his part in the flower show and is doing all he can to make it a success.

W. J. Barnes' houses look as though something had happened. A few weeks ago they were full to overflowing and now they are almost empty.

A. F. Barbe has his hands full these days, with remodeling his home and filling his orders.

Lawrence Schwager is doing quite a business at his Grand avenue store.

Geo. Kellogg, of Pleasant Hill, is doing an immense business these days in the wholesale line.

Miss J. Murray reports business as very satisfactory, and is putting in a large stock to take care of her Memorial day business.

Harvey Floral Co. had an opening reception last Saturday and did quite a business. Mrs. Harvey is sanguine of developing a large trade.

The Alpha Floral Co. has installed a new refrigerator in the window, making it easier to handle stock. NARCISSUS.

YORKVILLE, N. Y.—Geo. H. Benedict is doing a big business in lawn and cemetery vases. He has a handsome new wagon on the road.

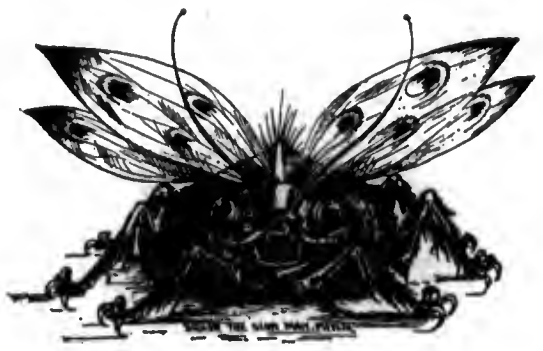
DETROIT.—The Morehead Mfg. Co. has taken over the business formerly conducted by John Morehead. The increased demand for the Morehead steam-trap, which is now so largely used in greenhouses, made additional facilities necessary. Mr. Morehead continues as vice-president and manager of the new corporation.

2-year old. ROSES 4-inch pots.

	Per 100
40 varieties, our selection	$6.00
Roses, 40 " " " 1000, $15.00	2.00
2-inch Asparagus Plumosus	2.50
3-inch " "	4.00
4-inch " "	10.00
2-inch Asparagus Sprengeri	2.50
2-inch Boston Ferns	3.00
3-inch " "	5.00
4-inch " "	10.00
Heliotropes, Hardy Phlox	2.50
Fuchsias	2.50
Salvias	2.00
Flowering Begonias	2.50
Vinca Variegata, 3-inch	3.50
Moonvines, 2½-inch	2.50
" 4-inch	10.00

The National Plant Co., Dayton, Ohio.

Mention The Review when you write.



THE BEE IS LIKE

The Prosperous Florist,

NEVER IDLE.

The bee is the first that takes advantage of the great work **Godfrey Aschmann**, the never-resting florist, and his people have done since Easter. They are swarming and enjoying their life. "O, Aschmann's flowers taste so sweet," the bees say; "we cannot stop, we have a big field to work in. 100,000 of the choicest plants; every nook and corner full. Let us harvest."

Secure bargains now and for Decoration Day. Please note our lowest prices. Plants out of 4-inch pots at $7.00 per 100 in the following varieties:

Geraniums, S. A. Nutt, the best double crimson; La Favorite, the best double white; Mme. Thibaut, double pink, and some other mixed colors.

Ageratum, dwarf blue. **Heliotropes, Begonia Vernon,** 5,000 of the dark red, and **Erfordii,** pink, 3-inch, $5.00 per 100. **Scarlet Sage** Clara Bedman, 3-inch, $5.00. **Periwinkle,** or Vinca variegata, $10.00 per 100; 2½ to 3-inch, $5.00 per 100. **Nasturtiums,** all colors. **Cobaea Scandens,** $8.00 per 100. **Fuchsias,** 5-inch, $1.50 per dozen.

Dracaena Indivisa, broad leaved, imported, 30-inches high; 50 per cent home grown, 5 to 5½-inch pots, 25c each.

Hydrangea Otaksa for planting out; some have buds and some not, 6-inch pots, 25c to 35c each.

The following is a list of small plants out of 2½-inch pots.

Coleus, Golden Queen, Verschaffeltii, Queen Victoria and fancies. Petunia Inimitable Dwarf, California Giant, all in 3-inch, at $5.00 per 100. Phlox Drummondii; Verbenas; have 10,000 Sweet Alyssum Little Gem; Lobelia, dwarf and trailing; Cuphea; Parlor Ivy.

I also have a new Variegated Carnation to which I have not yet given a name. Vigorous growth, heavy stems. The odor is like a real clove. Everybody who has seen it is crazy over it. 3-inch pots at 15c and 2½-inch, 10c each.

Don't forget that I am the Moonvine grower of the land. Only **A. W. Smith's Hybrid Moonvines,** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2½-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.



Araucaria Excelsa just arrived from Belgium per steamer Etonian, May 1. First consignment 3000; 2000 more coming by next steamer; grown for me under contract by an **Araucaria Specialist** in Belgium. I must say to the benefit of my customers, that I never before received for the money so nice and strong araucarias as I did this time. I herewith quote you special prices on them. Just look.

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Excelsa Compacta, very beautiful, unusually large, $1.25 to $1.50 each.

Araucaria Excelsa Glauca, 75c to $1.00 each.

Kentia Forsteriana, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana, 4 years old, 25 to 30 inches high, $1.00 each.

(Above is the size entered in the Philadelphia Custom House). **Ficus Elastica,** imported, 4-inch, $25.00 per 100, ready June 1.

Cash with order please. My best thanks to my customers for their liberal Easter orders. All goods must travel on purchaser's risk.

Godfrey Aschmann Importer and Wholesale Grower of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

Bedding Plants

.....STRONG.....

Petunia, Howard's Star and California, 3-inch and 4-inch pots, $3.00 to $5.00 per 100.
Dwarf Sweet Alyssum, Verbenas, 2¼-inch pots, $1.50 per 100.
Dracaena Indivisa, 4-in., 10c; 6-in., 40c each.
Asparagus Plumosus, 3-inch, $5.00; 2¼-inch, $2.50 per 100.
Asparagus Sprengeri, 2¼-inch, $2.00 per 100.
Lobelia Compacta and Speciosa, 2¼-inch, $1.00 per 100.
Egg Plants, 2¼-inch, $2.00 per 100.
Cauliflower, 75c per 100.

J. S. BLOOM, RIEGELSVILLE, PA.

Mention The Review when you write.

FOR SALE!

	Per 100
Geraniums, strong, mixed, out 4-in. pots	$7.00
Heliotrope, dark, out 4-in. pots	7.00
Honeysuckle, out 4-in. pots	7.00
Spotted Begonia, out 4-in. pots	7.00
Periwinkle, variegated, out 4-in. pots	7.00
Swainsona, white, out 4-in. pots	8.00
Double White Petunia, out 3-in. pots	6.00
Alyssum, very dwarf, good, out 3 in. pots	3.00
Ageratum, out 2½-in. pots	2.50
Parlor Ivy, out 2½-in. pots	2.50
Lobelia, trailing, out 2-in. pots	2.00
Shasta Daisy, out 3-in. pots	3.00
Dusty Miller and Gymnocarpa, out 2½-in. pots	2.50

Samuel V. Smith, 63 Goodman St., Philadelphia

S. S. SKIDELSKY,

824 North 24th St.,
PHILADELPHIA.
CORRESPONDENCE SOLICITED.

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GERANIUMS.

IN BUD AND BLOOM

A. Ricard, S. A. Nutt, M. Chevellerre, F. Perkins, Marvel, Mrs. Landry, Jean Viaud, etc., 4-inch plants **$8.00** per 100. Trego, M. de Castellane, at **$10.00** per 100. Mme. Salleroi, 2½-inch, **$3.00** per 100.

	Per 100
Coleus—2½-inch, $2 50 per 100; 3-inch	$5.00
Vinca Variegata—2½-inch	2.50
Salvia—2½-inch	2.50
Sweet Alyssum—3-inch	3 00
Ivy Geranium—3-inch, $6 00 per 100; 4-inch	8.00
German Ivy—2½-inch	3.00
Cannas	$8.00 and 10.00
Pelargonium—double white, 5-in. 20c; 6-in. 30c	
400 Meteor—2½-inch	3.00

CHRYSANTHEMUMS

Lord Hopetoun, Ben Wells, Et. Bonnefond, Cecil Cutts, Viviand-Morel, Wm. Duckham, Silver Queen, Mrs. Longly, Lily Montford, Kimberly, Percy Plumridge, Thirkell, White Bonnaffon, Mrs. Chamberlain, C. H. Diedereich, Dr. Enguehard, Cheltoni, Ida Barwood, S. T. Wright, Chevrant, **Rooted Cuttings, $2.50, 2½-in. $3.50 per 100.**

Maj. Bonnaffon, Mrs. Jerome Jones, Yellow Jones, Mrs. Robinson, F. S. Vallis, Mrs. Coombes, Cinna, Mrs. T. W. Pockett, Marie Liger, M. Douillet, Paul Sahut, Dalskov, Ivory, Boccasse, Col. Rowell, Mayflower, C. J. Salter, Mounier, White Maud Dean, **Rooted Cuttings $1.50; 2½-inch, $2.50 per 100.**

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices — 6-inch pot-grown, ready for 8-inch, $15.00 per doz.; 7-inch pot-grown, $24.00 per doz.; 8-inch pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

Miscellaneous Plants.

2¼-INCH STOCK IN A1 CONDITION.

	Per 100	1000
AGERATUM, Stella Gurney, 40c per doz	$2 00	$17 50
ALYSSUM, giant double, 40c per doz.....	2 00	17 50
AQUILEGIA (Columbine) single mixed	3 00	
CARNATIONS, Marguerite.....	1 50	12 50
COLEUS, good varieties	2 00	15 00
DAHLIA PLANTS, in variety.....	2 00	
DIGITALIS (Foxglove), fine mixed	1 50	12 50
FICUS ELASTICA.....$2.00 per doz.		
GERANIUMS, Rose, Lemon, Mrs. Taylor and Fernifolia odorata	2 00	
HARDY CHRYSANTHEMUMS, small-flowering varieties.....	2 00	17 50
HARDY CHRYSANTHEMUMS, large-flowering varieties.....	3 00	20 00

Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

	Per 100	1000
GERANIUMS, in good variety	$2 00	$17 50
Write for list of varieties.		
HELIOTROPE, good varieties	2 00	17 50
LANTANAS, 5 varieties.....	2 00	17 50
MARANTA MASSANGEANA.....	4 00	
MOONVINES, white, 50c per doz.....	3 00	25 00
NYMPHAEA ODORATA, gigantea, 50c per doz.....	3 50	
PETUNIAS, Dreer's double mixed	2 50	
" Dreer's superb single mixed.....	2 00	15 00
" fine mixed.....	1 50	12 50
SAGE, Holt's Mammoth.....	2 00	15 00
SALVIAS, in variety	2 00	17 50
SMILAX, strong.....	2 00	15 00
SWAINSONA ALBA and ROSEA	2 00	17 50
VINCAS (Madagascar Periwinkle)	2 00	

Not less than five of any one variety sold. Cash with order, please. Send for trade price list.

R. VINCENT, JR. & SON,

WHITE MARSH, MARYLAND.

Mention The Review when you write.

Wholesale Trade List

Alternantheras, red and yellow, 2½-in..50c per doz.; $3.00 per 100. Asparagus Plumosus, Sprengeri and Decumbens, 3-in. pots, 75c. per doz.; $5.00 per 100. Asparagus plumosus, from flats, $1.50 per 100. Asparagus Sprengeri, from flats, $1.00 per 100. Bouvardias, scarlet, white and pink, 2½-inch pots, 50c per doz.; $3.00 per 100. Humboldtii, for summer flowering, 2-inch pots, 50c per doz.; $3.00 per 100. Asters, Queen of the Market, colors separate, from flats, $1.00 per 100. Clematis, large flowering variety, 2-year-old, 5-in. pots, $3.00 per doz. Dracæna Indivisa, 3-in., 75c. per doz.; $5.00 per 100. Honeysuckle (Halleana), 5-in. pots, $1.50 per doz. Ivy, hardy, large leaves, 4-in. pots, $1.50 per doz.; $10.00 per 100. Myosotis, clumps from open ground, 60c per doz.; $4.00 per 100. Pansies, separate colors, yellow, white and blue, $3.00 per 100. Salvia Splendens and Bonfire, 2½-in., 50c per doz.; $3.00 per 100. Sansevieria Zeylanica, 3-in., 75c per doz.; $5.00 per 100.

Plants from 2½-in. pots, $3 per 100—Asparagus Plumosus, Comorensis, Sprengeri and Decumbens; Alyssum Little Gem; Coleus Verschaffeltii, Golden Bedder; Clematis Paniculata; Dracæna Indivisa; Feverfew Little Gem; Geranium Mme. Salleroi (strong); Lobelia, dwarf blue; Phlox Drummondi, dwarf; Verbenas, mammoth varieties; Impatiens Sultani.

C. EISELE,

11th and Jefferson Sts. Philadelphia, Pa.

Mention The Review when you write.

Special Offer!

15,000 SALVIA BONFIRE, strong plants from 2-inch pots, $1.50 per 100; $14.00 per 1000.

5,000 GERANIUM MME. BUCHNER, (best white) 2½-inch pots, $2.00 per 100; $18.00 per 1000.

ASPARAGUS PLUMOSUS NANUS, strong plants from 3-inch pots, $5.00 per 100; worth $8.00. **Cash.**

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

MICHEL

Plant and Bulb Co.

ST. LOUIS, MO.

Mention The Review when you write.

Surplus Stock!

We have too large a stock of the following plants which we offer at prices very low for first-class, well-grown plants.

2,500 HIBISCUS, from 3-inch pots, three varieties, Peachblow, Grandiflora and Violacea, $3.00 per 100.

LEMON VERBENA, strong and bushy, 3-inch pots, $4.00 per 100.

HARDY GAILLARDIA, Gypsy Queen, from 2½-inch pots, $2.50 per 100.

HYBRID MEMORIAL ROSES, 6 varieties from 2½-in. pots, $2.50 per 100.

C. YOUNG & SONS CO.

1406 OLIVE ST. **ST. LOUIS, MO.**

Mention The Review when you write.

Asters and Geraniums

Geraniums — Mme. Salleroi, strong plants, 2½-inch, $3.00 per 100.

Asters—Comet and American Branching in pink, white and blue, and Victoria in mixed colors, from pots, $1.00 per 100.

J. B. Shurtleff & Son, Revere, Mass.

Mention The Review when you write.

Asparagus Plumosus Nanus Plants.

Just as they come from the flats. Grown from our own seed. **$1.00 per 100 plants.**

—ADDRESS—

B. H. Haverland, Pleasant Run, Ohio.

Mention The Review when you write.

GOOD STOCK -- LOW PRICES. Per 1000

Asters. Branching, Peonia Flowered, Ray's, Queen of the Market, 4 to 6 in. high.....$5.00
2 to 4 in. high, prepaid..... 3.00

Shasta Daisies, $3.00 per 100 .. ..23.00

Sprengeri, 2-in., $2.00 per 100. Seedlings from flats, $1.00 per 100; prepaid.

Celery Plants, very large..... 1.00
Send for list.

CHAS. GAY, 38th St., Des Moines, Ia.

Mention The Review when you write.

MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

Mention The Review when you write.

Asparagus Seedlings

from flats, well grown and thrifty.

Plumosus Nanus...$10.00 per 1000 } Cash with
Sprengeri ..... 8.00 per 1000 } order prepaid.

Get our prices on large lots.

Large 3-in. Plumosus Nanus, $25 per 1000 prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

Mention The Review when you write

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS. COLEUS and general bedding stock in large quantities.

Write for prices. Cash or reference.

L. H. FOSTER ESTATE,

45 King St., DORCHESTER, MASS.

Mention The Review when you write.

PITTSBURG.

The Market.

Rain, rain, more rain and colder was the bill of fare from Sunday until Saturday of last week, with hail in some of the near-by localities on Wednesday. This had the effect of shortening up the cut of roses, and lilies seemed to be getting scarcer the past few days. Violets have disappeared altogether. Carnations are still very much in evidence. Some of the street-stands sold them as low as 15 cents per dozen. But taken altogether the general business was better than the week previous.

Various Notes.

Lincoln I. Neff made two floral blankets the past week; one of them containing about 4,000 pink roses, the other about the same number of white roses.

Wm. Thompson, who had been employed by B. L. Elliott, at the Cheswick greenhouses and remained in the employ of L. I. Neff when he purchased them, was killed in a sand bank last Wednesday. He had finished loading his wagon and it is presumed got out of the sudden storm when the bank caved in on him. He was dead when found.

The home of Miss Geib, stenographer of the Pittsburg Cut Flower Co., was visited by thieves one day last week. She lost a small sum of money.

The frost which is usually due about this time arrived last Saturday night and in the low sections finished the beans, tomatoes, and any other soft stuff above ground.

J. J. Zimmerman, who was drowned at Ocean Park, Cal., was buried from Lowries Chapel, Allegheny, Monday, May 20.

The plantsmen are having more than their share of trouble. Two weeks of continuous rain kept them from getting anything done outside, and as everyone wants planting done by Decoration day, they are working day and night now that the weather has changed.

Hoo-Hoo.

Baltimore, Md.—Wm. J. Johnson is preparing to make extensive improvements in his establishment at 221-223 West Madison street.

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CINCINNATI.

The Market.

There has been a decided change in the general outlook of business since my last report. The rain has stopped. The supply of stock is fast shortening and at the time of writing there is a scarcity in all lines. The quality of stock that is to be had is pretty poor, especially so with roses. Most of the Beauties and Maids are very small and many have mildew. Carnations are in better shape. Some fine fancies are still to be had.

The demand is all that could be desired. With the prospect of June weddings and the commencements that are now upon us the outlook is first-class. The only drawback will be the scarcity of flowers. Peonies are coming in larger lots from home growers and sell well. Eastern ferns are beginning to play out, but what are left are good. Smilax is scarce. There is plenty of asparagus.

Various Notes.

Out of the last nineteen days fifteen have brought rain and nearly always heavy. This made the work of those florists who do bedding, very hard and all fell behind on orders. Things are good now and they will be hard at work this week.

J. W. Rodgers was busy with several wedding decorations the past week.

Window and porch boxes are quite the thing this year and help out the florists.

Mr. Wilson, formerly of the firm of Corbett & Wilson, of this city, recently bought out the greenhouses of Walter Butler, of Chillicothe, O., but has now sold the business back to Mr. Butler, who will go on with it.

The recent hard rains did considerable damage to our city parks. In several places the driveways were almost completely washed away. Nevertheless our parks are in fine shape. Those near the center of the city are fresh and green and the groups of palms add greatly to the general effect. Fountain Square, which is well known throughout the country, has been greatly beautified by two large circular beds of large palms at each end. The relief that these beds give to the dull stones which cover the rest of the square is very refreshing.

H. M. Altick, of Dayton, came down on an excursion to the Zoological Gardens. He had five children (not all his own) with him and was in for a good time.

Martin Reukauf, of Bayersdorfer & Co., Philadelphia, was also a caller.

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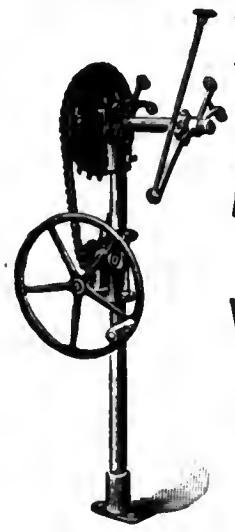
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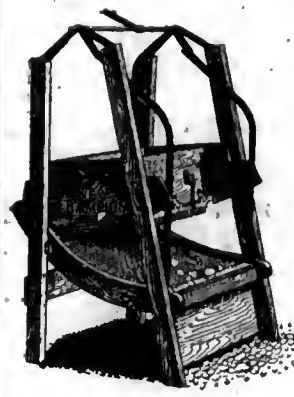
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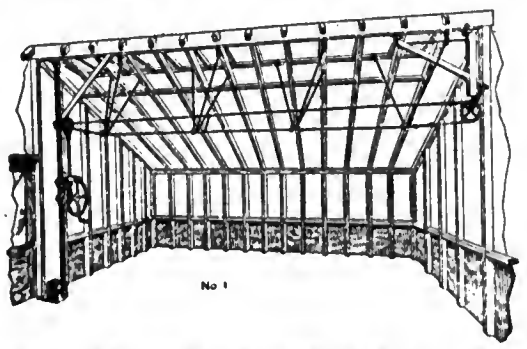
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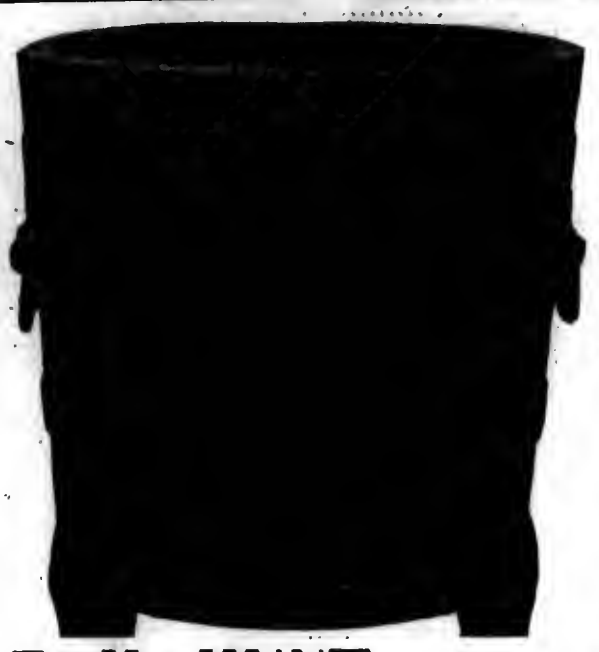
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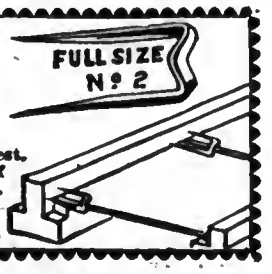
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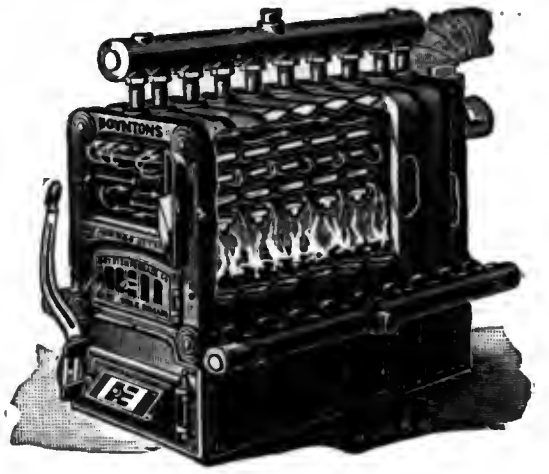
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" "	7	32-36		2.00	24.00	
" " Single	8	34-38	5-6	2.50	30.00	
" "	10	48-56	6-7	7.00		
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THE only **new NEPHROLEPIS that has really become popular** as a commercial fern since the introduction of the Boston. Large and small growers everywhere are planting it in preference to any other Nephrolepis. A year's trial has demonstrated that it is the hardiest, most graceful and symmetrical Nephrolepis known. Unexcelled as a house plant; first choice of the retail florist and also of his customers. The New York and Philadelphia retail store men buy no other fern when Scottii is available. Has fully justified the high opinion formed of it by the judges who awarded it the following long list of prizes:

SILVER MEDALS:

Philadelphia, Pa.
New York Florists' Club.
Boston. Newport, R. I.
American Institute, New York.
S. A. F., St. Louis.

GOLD MEDALS:

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First-class Certificates and Testimonials from all over the country too numerous to mention.

The **Committee of Awards** at the St. Louis World's Fair said of **Nephrolepis Scottii**: "A sturdy, dwarf and compact form of **Nephrolepis,** very symmetrical and handsome, either in small plants or quite large ones. A great acquisition, with excellent qualities as a house plant. Worthy of Gold Medal."

READ CAREFULLY THE BEST REPORT EVER GIVEN BY THE NEW YORK FLORISTS' CLUB FOR A NEW PLANT.

The committee of award of the club visited the establishment of John Scott, of Flatbush, N. Y., on October 26, for the purpose of inspecting the stock of his new fern, NEPHROLEPIS SCOTTII. Seven members of the committee attended, also the president and vice-president of the club. The initial exhibit of this fern was made at the rooms of the club at the November meeting, 1903. The committee which examined it at that time was so favorably impressed by it that they unhesitatingly awarded it a certificate of merit, and did not ask to see it growing; a request to examine the stock was only recently sent to the club by the exhibitor. The committee made a thorough examination of the stock, both in pots and on the bench, and its character. It was growing in all sizes from plants in 4-inch pots up to specimen plants in tubs, and it was absolutely uniform, and they were highly pleased at its condition from in all grades, the characteristics of the large specimen plants being evident in the smallest specimens on the place. **The most careful scrutiny failed to discover any tendency whatsoever toward reversion, and it seems as if the character of the plant is absolutely and indelibly fixed.** It is in essence a condensed form of the Boston fern, with valuable characteristics added, which are not evident in the parent. Your committee took an average plant in an 8-inch pot and found by actual count that there were 200 fronds in it, not counting the undeveloped and small ones which were in the center of the plant. The fronds of the plant in question averaged about 20 inches in length and three inches in width at the widest point; the pinnae are very closely set, so that they overlap, making a more finished frond than the parent. The plant in question had a spread of three feet. Plants in 4-inch pots showed a spread of 18 inches and a height of 10 to 12 inches.

The committee was unanimously of the opinion that it is a most valuable introduction, and that it will become a plant for the florists to grow universally. It has a crispness and hardness about it which is superior to the parent, and which is one of its very valuable characteristics. It propagates very freely, and because of the fact that its character is established in the smallest size, it should find ready sale in all grades. After a thorough examination, your committee unanimously agreed that it was worthy of the highest award by the club, and therefore voted that it be awarded the silver medal of the club, and herewith recommend same for your approval.

(Signed) PATRICK O'MARA, JOHN BIRNIE, ALFRED H. LANGJAHR, WM. H. SIEBRECHT, CHAS. LENKER, JOHN DOWSETT.

SCOTTII has received the highest awards whenever exhibited and for the past year has proven itself to be a **hardier house plant** than the Boston. **There is no comparison between this fern and any other variety for commercial use.**

Consult any grower, or retailer, who has bought Scottii, and he will tell you that it is as far ahead of the Boston as the Boston is ahead of all other introductions.

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CARNATIONS

CARNATION CUT.

How many good carnations can we expect from each plant from December 1 to April 15 on an average? J. M.

The question how many carnations can be picked in the time specified is difficult to answer. With the early planting that usually prevails nowadays we can get a good crop in October. Then again, April 15 is greatly curtailing the season. The heaviest picking is often from April 15 to June 15. The varieties differ as to cut, but we think for Lawson, Lady Bountiful, Harlowarden, Enchantress and other good varieties, that you would be doing well to average ten blooms to a plant in that time. W. S.

CARNATION HANNAH HOBART.

For several years reports have been coming east of the wonderful carnation called Hannah Hobart, grown by J. H. Sievers & Co. at San Francisco and said to sell in the market there at a price above that of any other variety. It is a pink, a shade lighter than Lawson and for size of flower is rather ahead of any standard sort of the day. Eastern visitors at the Sievers establishment report the growth very strong and the production large considering the great size of the blooms, an average one being shown in the accompanying illustration. There have been many inquiries as to when Mr. Sievers intended to disseminate the variety, but he has always answered that he had not yet given the matter thought. It is now reported, however, that he is contemplating sending it out next season.

PROPAGATING HOUSE.

Kind of Structure.

Without ample facilities for propagating the florist is at a disadvantage. Many who propagate only in a small way simply devote a portion of a bench in a carnation or plant house, and with careful management get along very well, but where large numbers of cuttings are to be rooted, it is necessary to have a special house. In some large establishments the north side of a three-quarter-span house with the long roof facing south and the rear wall eight feet high (to which is attached a narrow house facing north), is used for propagating This is economy of space. Little direct sun strikes the roof of this house except in June, July and August and it would therefore be well adapted for the purpose in early fall and late spring. It is very dark in the winter months and an even-span house will answer all purposes better.

The size of the house will depend on the extent of your business, but remember that for two or three weeks after cuttings are potted off, the conditions of a propagating house are just suited to the young plants, so it is not likely to be too large. The house may be ten feet wide and contain a center path with two side benches, or, better still, nineteen feet wide and a path against each wall and one in the center. This allows two benches of six feet each.

The walls should be five feet high and need not necessarily contain any glass. It is not very essential whether the house run north and south, or east and west, but north and south is rather better. It will be cooler as spring approaches. Ventilation should be continuous and on both sides of the ridge, for, while it is necessary, both to keep down temperature as well as afford a fresh, pure atmosphere, it should be let in by openings such as will not cause a draught.

Bench Construction.

The construction of the beds may be as substantial as you please. They could have 8-inch brick walls, or 6-inch concrete, but I really think that red cedar posts and 1-inch cypress boards for the sides of the beds is substantial enough.

Build the bench so that the surface of the sand is three feet above the path. There is no need of bending your back. A man will do more work and do it better and easier if he does not have to stoop. The depth of the sand can be three inches but it is well to have the edge-board an inch higher than the sand. The sides of the bed should be boarded up tight. The first board from the top one, which, of course, is a fixture, should be hinged so that it can be let down. In cold weather, when the pipes are all hot, you have more heat beneath the bed than you want and by opening these hinged boards you let the heat escape into the house. In mild weather you keep them closed and less heat is needed under the bed, because it is all confined there.

The floor of the propagating bed may be of slate or tile, the latter much the better. Slate heats quickly and cools quickly, while tile is slow and less violent to heat and retains the heat longer. There is a tile made 15x18 inches and about one and one-half inches thick that is just the thing. They can be supported by a cypress 2x4 crossing the bed every fifteen or eighteen inches, but tee iron would be much better for the purpose.

Heating.

The heating will be whatever your system is, either hot water or steam, but hot water has some advantages over steam. Steam is 212 degrees or nothing, while with hot water you can have almost any degree of heat that is desirable. The pipes should be within a foot of the ground, so that the heat has a chance to spread and not strike the tiles too strongly in one place. The number of pipes you will need will depend somewhat on your climate. Five 2-inch hot water pipes or three 1¼-inch steam pipes should be enough under a bed six feet wide, but be sure that you have all the pipes under control by valves. Some cuttings are greatly helped to root by bottom heat for the first two weeks, but for two weeks before potting off they want little heat. In our cold northern winters it is safest, in addition to the pipes beneath the bed, to have two 2-inch hot water pipes or one 1¼-inch steam pipe running on the side wall just below the plate, with valves. You may on occasions need this heat, but it will be seldom, for, as previously stated, on cold nights you will be firing hard, and



An Average Bloom of Carnation Hannah Hobart.

heat sufficient to warm the house will be let out from beneath the benches.

Shading.

Shading in the spring months is very important. The ideal plan would be some method of applying it on the exterior of the roof, lattice work or some textile material that could be readily adjusted in bright days and rolled up on dull days. A very good shade is to take two or four stout wires, according to width of house, running the length of the house and high enough to be above a man's head. Then take two small, strong rods with cheese-cloth tacked to them, any desired width and not long. These resting on the overhead wires could be rolled up quickly or even roughly shoved up together. You may think of several methods of adjusting this cheese-cloth overhead. We have simply tacked it to the roof and it is much better than any whitewash of any kind, but it should be adjustable. Some get along by shading the glass with naphtha and lead. This is all right for a week or so, but when the cuttings begin to callus no such shade is needed. Newspapers furnish the crudest of all methods of shading.

Uses.

While a house especially adapted to propagating is a great convenience, and for those raising large quantities of roses and carnations a necessity, there are a great lot of popular bedding plants that root readily without the aid of any special house or bottom heat. Geraniums, for instance, at no time of the year need anything but an ordinary bench, and all our soft-wooded plants, such as coleus, achyranthes, salvias, ageratums and dozens more may not root quite so quickly, yet they root as well in two or three inches of sand without any bottom heat. However, a cool atmosphere with 10 or 15 degrees warmer in the sand, are the conditions best suited to root the great majority of soft-wooded plants.

Such a bench as I have described would be well suited for the erection of a frame and sash for grafted roses, where some bottom heat is absolutely necessary.

William Scott.

MISCELLANEOUS SEASONABLE HINTS.

Spray the Asters.

Early asters that have started to make a good growth should now be sprayed with Paris green, a teaspoonful in a pail of water; that is, if you have been bothered with the little striped beetle that is so injurious to the buds.

Begonia Gloire de Lorraine.

Leaf cuttings that were rooted in November and December and have been kept rather dry should now get a slight shift and more water. They will soon start into growth. Plants that were left over at Christmas and later lost their tops should now be shaken out and started in fresh soil and clean pots and will be soon giving you nice young growths for cuttings. They root readily now and do not want bottom heat but must be shaded from bright sun and not subjected to draughts. For the shifting of the early rooted plants that will now take a 3-inch or 3½-inch pot, use a good turfy loam finely broken up, one part sharp sand and a sixth or seventh of well rotted cow manure. It should be so decomposed that it will run through a half-inch sieve.

The fall struck plants now started are those that will make you the large plants, as they will grow very fast from now on until flowering time. As they grow rapidly they must be occasionally pinched. The summer rooted plants make useful little plants for pans and baskets. If possible, a portable shading should be used, for, while they do not like the unshaded sun pouring through the glass on them, neither the Lorraine or any begonia except the Rex section likes a shade on all occasions.

Chrysanthemums.

Mr. Totty will excuse my reminding you that if in the fall you have a demand for well flowered small plants of these in pots you should reserve a light bench with five inches of soil and plant out some thrifty young plants that have just received their first stopping, or will soon need it, and get them on the bench by June 10. They should be fifteen inches apart and will need perhaps two pinchings during the summer. By August 15 you have a bushy little plant and they then should be lifted. You do not lose a fibre and, given a little shade for a few days, they go on growing and do not lose a leaf.

Those who have a deep, mucky soil may succeed very well with them planted outdoors, but our soil does not admit of it. Growing them all summer in pots calls for a great deal of labor and there is great risk of their suffering for water and losing some foliage. These bench-grown plants about double in size after lifting. Only short-jointed, low-growing varieties should be planted for this purpose.

Ferns on Benches.

Time was when we reckoned to have a good deal of bench room to spare between spring and fall. Nothing is unoccupied now. It don't pay. When we have a bench emptied of cannas and geraniums we can fill it with small plants of some of the nephrolepises. The best plants of these are doubtless grown in pots, but young plants put out now will wonderfully increase in size by October and give you lots of runners for future stock. If you plant them fifteen inches between rows across the bed and seven or eight inches between plants you can lift every other plant in October and let the remainder stop to grow until the following New Year's, when you may want the bench for lilies. These ferns are now used so largely anywhere and everywhere that there is yet no sign of their being a drug.

Some still stick to the Boston variety, but Scottii is undoubtedly a magnificent plant and it has one distinct advantage: It can be grown a specimen in a 4-inch or 5-inch pot. We thought N. Piersoni a beautiful plant, and so it is, but Elegantissima is far more graceful. We have sold a plant of Elegantissima for a bigger price than we ever sold any other plant in the same size pot. Plant some of all of them.

Save Some Stock Plants.

Don't forget, when you are selling off your bedding plants, to save a few plants of each of those things that do not lift well in the fall or of which the cuttings will not root from outside, so a few plants must be plunged outside during summer and brought in before frost. Lemon verbena, lantana and heliotrope are three of them. Do this when you are plunging out your azaleas.

Plant out plenty of that most useful plant, the Stevia serrata. If you are a retailer it is indispensable and may give you a bother to get. Little plants in 2-inch pots are plenty big enough, for it is a most rampant grower and it does not want too rich a soil. Plant two feet in the rows and eighteen inches between the plants. It will need at least three pinchings during summer. By lifting the first of October and standing outdoors, where it could be protected from slight frost, it only occupies the greenhouse two months and is always in for Christmas.

Bouvardias can now be planted out in some rich, light loam. If sandy, it is none the worse so long as it is rich. Plant one foot each way. Remember it is not any part of the weak, spindling growth that was made inside that will make the plant, but strong shoots which will start from the root in a few weeks after being in the ground.

Ardisias.

It is rather late now, but not too late, to sow seeds of that handsome and neatest of all berried plants, Ardisia crenulata. If sown at once and kept plunged and growing on a light bench they will make nice little plants by next spring and be covered with their bright red berries the following Christmas. They are by no means a cheap plant, for they take some time to make nice specimens, but there is nothing so pretty in berried plants, either as a single plant or in arrangements of baskets, etc. About 50 to 55 degrees suits it well in winter time. The white-berried species you can dispense with. It is crenulata you want. Sow seeds every spring and you will have shapely, dwarf plants every winter, but not the following Christmas.

Don't Neglect Heaters.

Take care of your heaters and boilers. When the hot water heaters are let out for summer they are too often sadly neglected. There are many exceptions we hope, but too often the heater being out of sight, it is out of mind and it is left for months just as you let out the last fire. Ashes are left beneath the grate bars and cinders and half burnt coal or coke in the firebox, and the stovepipe connecting with the chimney is left up to receive the dampness from the chimney. Now this is all good for the boilermaker and tinsmith, but all wrong for your pocket and annoyance.

Take down the stovepipe and oil it

thoroughly, outside and in, and store it away in a dry shed. A heater should always be kept full of water. That any boilermaker will tell you. The notion that the water should be drawn out and replenished each fall is pure nonsense. Every time you fill the heater and pipes with fresh water you get a fresh deposit of dirt and sediment. The same water will do as long as the heater lasts.

All the inside of the heater you can get at should be well smeared with black oil, the doors, dampers, hinges, ash pit and all, even the outside of the boiler; but it is the inside, where the fire strikes, that needs it in particular. The rust makes little progress while you fire steadily. It is in the summer the mischief is done. A steam boiler should be filled almost full of water and then four or five gallons of crude petroleum poured in on top. Of course, the oil will float on the surface and as you let the water slowly out at the bottom every particle of the sides and tubes will have a coat of oil and the inside of the tubes should be swabbed out with a bunch of oily rags or your flue cleaner and your doors and hinges and other fixings should be well oiled.

A boilerman of many years' experience told me he was convinced that a steam boiler would last twice as long in constant use as one that lay idle five months in the summer. Our cast iron heaters are too often shamefully neglected. Don't do it unless you like to be often experimenting with a new pattern.

What I called black oil is what you can often get at a mill or factory, oil that has been used in journals, but lard oil is as good or better, only more expensive.

WILLIAM SCOTT.

THE BABY RAMBLER ROSE.

The originators of the dwarf everblooming Crimson Rambler rose are Levavasseur & Sons, a leading firm of French nurserymen, who gave to it the name of the wife of one of the members of the firm, Mme. Norbert Levavasseur, but this was too long for practical American purposes and it was here given the much better descriptive name of Baby Rambler.

It is well known that the head of a firm of Rochester nurserymen saw the rose growing at the establishment of the originators and paid a fancy price for stock with the provision that they should have exclusive control in America. They, however, failed to stipulate that dissemination in Europe and America should be simultaneous and the result was that a number of American firms received stock in a roundabout way from Europe almost, if not quite, as soon as did the firm which paid a bonus for a control it did not get. This instance may have served to attract early attention to the rose, but its undoubted qualities of merit have served to make it one of the most highly prized of recent novelties. Indeed, there are those among leading nurserymen who assert that, whatever Turner's Crimson Rambler has been to the trade, the Baby Rambler will be even more valuable. This plant partakes of all the characteristics of the original Crimson Rambler, save that is does not grow more than twelve to eighteen inches high. It is practically everblooming and, indeed, is said by those who have given it free rein to almost bloom itself to death. In a greenhouse it blooms all the year around.



Rose Mme. Norbert Levavasseur, the Baby Rambler.

The accompanying illustration gives a fair idea of the character of the plants which were offered in considerable quantity at Easter this year. It is an admirable thing for use in making up plant baskets and hampers but it is as a Christmas plant that it will have its greatest usefulness to the retail florist. The flowers are a little larger and a little brighter in color than those of the Crimson Rambler. As a bedding rose this will have a place of its own, and tremendous stocks are now being worked up in all the leading establishments. The price in the last few months has been reduced nearly fifty per cent and it will be but a short time before this is one of the most widely used and most profitable plants known to the trade.

MORRISON, ILL.—W. A. Field is putting in the foundations of the Hills & McKenzie greenhouses.

LIMA, O.—The Swan Floral Co. has been doing a big business in bedding, porch and window boxes and lawn vases.

PROVIDENCE, R. I.—C. W. Smith, secretary of the Rhode Island Horticultural Society, has issued the schedules for the June and November exhibitions.

RETURNING CONDENSATION.

I have a block of greenhouses heated by steam, the return pipes being two feet above the water level of the boilers and also two feet above the top of the benches. I wish to place the returns below the benches, or about three feet below the water level of the boilers. Will a steam-trap placed low enough to drain the pipes raise the water up to the boiler or is a pump necessary? Would a trap interfere with the gravity system of another block of houses about eight feet higher? There is about 12,000 feet of 1¼-inch pipe in the lower block of houses. What size of return pipe will be needed to carry 100 feet to the boiler? If a pump is used, what capacity of pump would be necessary in coldest weather in Illinois? G. H. C.

A gravity system of returning condensed or return water to the boiler is always preferable, but where it is impossible or impractical to get the boiler low enough, the water may be returned by means of a trap. There are two or three forms of steam-trap that may be used for this purpose, the usual form being placed above the boiler. The return water is collected in a closed re-

ceiver located below the lowest return pipe and forced upward into the dump trap on top of the boiler. A steam trap so placed as to drain the pipes in one set of houses will in no way interfere with the working of another range of houses by the gravity system, especially where the difference in elevation is as great as eight feet. A dump trap is preferable to a steam pump as it will work under a comparatively low pressure, the steam pump requiring at least twenty pounds pressure for its operation. Other forms of pumps are objectionable because of the cost of operating them.

It would be advisable to put in a 2½-inch pipe for returning the condensed water from the lower block of houses, and the fall in this pipe should not be less than eighteen inches for the entire 100 feet distance. A smaller pipe would doubtless handle the required amount of water but the larger pipe is preferable, as the flow of water is not constant. If a pump is used it should have a capacity of at least twenty-five gallons per minute.

L. C. C.



BUDS AND BREAKS.

Some complaint is reaching me regarding varieties that, instead of making a clean, nice growth, will persist in producing buds. This trouble in one instance extends to the entire batch of varieties. In such a case, where all the kinds are equally affected, it plainly shows mismanagement, but some kinds with the best of care are affected always more or less in this manner, and these kinds are generally some of the best, W. R. Church, Guy Hamilton and the old Morel being good instances, and two of the novelties, J. H. Doyle and Merstham Yellow, have been reported as showing this habit more or less.

The only thing to do in such cases is to keep the buds closely picked off and eventually nature will assert herself and the plant, either by throwing up a sucker from the ground or breaking from the stem, will produce a satisfactory growth. If the plants are in pots it is well to keep them there until this shoot appears, though I am no adherent, on general principles, to letting plants lie around in small pots to get dried out several times a day and otherwise neglected, as they will be during the busy days of early June.

Where an entire batch of plants is throwing buds instead of growing, it shows that they have not had a sufficient supply of water and the wood has become hard and pithy, whereas a young plant in the pink of condition should be almost as succulent and brittle as a stalk of asparagus. Young plants should never be permitted to become dry or trouble will certainly follow.

Early rooted plants that have made a growth a foot or so in length will now be producing what is known as a "break." This is really a bud, but it is entirely in conformity with the natural habit of the plant. Three or more growths will at once appear around this bud and they will grow away without any trouble. A plant producing a bud in this manner now will produce another one in July, and then a third one will be produced in August, which will make a good flower if the growth shoots are disbudded.

This habit of the chrysanthemum in producing summer buds or "breaks" is probably responsible for the confusion that so often arises in the minds of growers who are not so well posted on the plant as they might be. When the plant produces a bud late in August the man who does not know imagines it is another summer break and permits the plant to go on and make another growth where if he had retained that bud he would have been rewarded by a splendid flower.

It is early to be writing of flowers at planting time, but I am endeavoring to make the bud and "break" question clear, which is so hard for the layman to understand, since no other plant of my acquaintance has this habit.

General Notes.

It is hard to fumigate plants now and the black fly waxes fat and plenteous in the land. Dust the plants well with tobacco dust or spray with To-bak-ine Liquid and either one will keep down this pest.

Some growers set out plants in the garden which after being pinched a few times make very fair bushes for lifting in September and potting. If you do this, and it is a cheap way of handling a big lot of stock, plant them in close proximity to the water supply. They love a copious spraying in the cool evening after a hot, drying day.

It used to be quite an idea to plant out the future pot plants on the vacant carnation benches, but now with the growth of the new ideas regarding carnation culture, i. e., planting from pots in June or from the field in July, such a course is out of the question.

If you are figuring on growing some very late flowers and do not propose to put in your cuttings just yet, do not neglect the stock plants. If they are in pots or boxes, put them out in a cold frame, where they will not get so drawn with the heat. Many growers keep their stock plants in frames all the time, putting them in after the flowering period is over in the fall and waiting until the plants come naturally into growth in the spring before propagating.

If any of the young stock is running up too high it is a good plan to pinch it back, leaving three or four good leaves. They will break readily enough and be far more satisfactory than if allowed to run on in a tall, overgrown condition.

Charles H. Totty.



ROSES

DRYING OFF.

Those who intend to carry part of their stock over for another season should feed the plants well in order to retain size of bloom and encourage a strong growth before beginning to dry them off later on. By this method we can have a fair supply of good stock until such time as the earlier planted stock will begin to produce.

By the beginning of August, these benches can be allowed to gradually ripen by curtailing the water supply and giving free ventilation. In order that every leaf may help in the ripening process, the syringe will have to be used freely, so that with the drier atmosphere induced by the smaller supply of water used, red spider may not get a hold.

We frequently see houses during the ripening process sadly neglected in the matter of ventilation and syringing because of the mistaken idea that as a certain per cent of the leaves have got to go it does not matter how. Now, the foliage is just as essential to a proper ripening of the wood as it is during the growing season and any stock where the leaves are scorched or burned off in a hurry, or are allowed to become a prey to red spider, must lose a large portion of their vitality, and consequently the root action will be more difficult to start, causing the eyes to break weak.

The ripening process, to be effective, must be slow and natural, never allowing the soil to become so dry that the young wood or foliage will show signs of wilting, keeping the temperature as near 56 degrees as possible during the night and giving all the air possible on every favorable occasion during the day.



The Field of Irises and Peonies at the Peterson Nursery, Chicago.

This process usually requires about three or four weeks.

The small, straggling and blind wood should then be trimmed out and the stronger shoots shortened to four or five good eyes.

The surface of the soil should then be removed, taking just as much as possible without injuring the roots and then giving a dusting of air-slaked lime. A rich compost of well rotted manure and soil should then be put on to take the place of that already removed and the whole given a thorough soaking.

The temperature for the first three weeks should be kept below 56 degrees at night if possible, giving free ventilation and keeping the house well moistened with the syringe and rather close during the day, gradually increasing the supply of air and water as the eyes break and leaves develop.

To encourage the dormant eyes at the base to break freely it is frequently of service to bend down the stronger shoots to a horizontal position, tying them to keep them in place.

I may here remark that shading at any time is very injurious and wherever practiced is sure to cause a weak growth and thin, light colored foliage. RIBES.

PEONIES AND IRISES.

The Peterson Nursery, at Chicago, has long been known for the collection of peonies which has been for years a special object of attention on the part of Wm. A. Peterson. The collection is one of the largest in the country and one of the most carefully handled. Lately Mr. Peterson has turned his attention to the iris and has established a collection which is in every way in keeping with the peony plantation. He reports that the business in irises has become very heavy. The iris is not a shipping flower, but for local use is becoming very popular and a large number of retail florists who have ground space, have planted collections of iris of more or less pretensions.

The peony season at Peterson's is always made the occasion of an invitation to the trade and the public to visit the nursery. It is thought that the display will be at its best the latter part of next week and the first part of the week following, during which the American Peony Society meets in Chicago. One of the special sorts of interest is Delicatissima which Mr. Peterson thinks will rank in pinks where Festiva maxima does in white.

RAISING PEONIES FROM SEED.

I am glad that there is so much interest taken in this glorious flower, the peony. Last fall the writer broke the world's record by planting thirty-five pounds of selected peony seed, and it is curious to watch their moods, for they are full of "moods and tenses." For instance, if you let the seed get dry they will balk then and there. They will lie dormant two years before they will come up. Twenty pounds got dry, and, though covered at the proper depth, not one appeared. I tried various experiments in the hopes of overcoming their unruliness. Last fall I soaked some in warm water quite a while and tried to make them forget that they had been dried, all to no purpose. They would not be fooled. Then I layered some in sand and put hot water on them this spring, treating them as I would canna seed, again all to no purpose; not a seed came. And there they will lie all summer and next winter and then they will come up by the thousands next spring, but not all. Some will wait yet another year.

But here comes in a curious thing. Some seeds were overlooked while we were gathering them and they were fully as dry as the rest. The pods burst open and the seeds, as hard as flints, fell on the ground. There they lay in the slush and snow. They were dried fully as hard as the others, but every one seemed to grow. We found little patches by the hundreds which were taken up and transplanted with care. Now who can tell why they should grow in one case and not in the other? Those planted were put in moist ground and were covered with snow all winter. Those scattered on the surface were no more moist than the planted ones. They all grew, and the others take a year longer. I knew of some of these peculiarities and so gathered a lot of seeds just as they were turning brown and planted them immediately. These seeds came up all right and are making good growth. I have thousands gathered from white peonies and hope for something fine.

I ordered twenty-five pounds from one of the choice collections of America and charged the proprietor to be sure and gather them green and put in wet sand, but he was busy and waited until they were dry, which makes me wait a year longer. After the plants appear it takes from four to eight years to find out what they will do and you cannot always tell from the first flowers just what they will be. You must wait a few years for them to be confirmed. There is a fascination in this work and in 40,000 or 50,000 there must be some of superior merit. C. S. HARRISON.

AMERICAN PEONY SOCIETY.

The second annual meeting and exhibition of the American Peony Society will be held at the Auditorium Hotel, Chicago, Friday and Saturday, June 16 and 17, the exhibition being staged in the same hall used for the autumn flower show and more recently for the show of the American Carnation Society. President C. W. Ward is of the opinion that the exhibition will considerably excel that held in New York a year ago, and that it will be a display which will compare favorably in interest with displays of any other special flower. Entries must be in the hands of Secretary A. H. Fewkes, Newton Highlands, Mass., by June 10. J. B. Deamud will have charge of the staging of the stock, and exhibits may be sent in his care.

The premium list is as follows:

Largest and best collection of double varieties, one flower each, first, $15; second, $10; third, $5.

Collection of best twelve and most distinct double varieties, six flowers each, first, $10; second, $5.

Collection of double varieties in various shades of rose pink, not less than three nor more than six flowers each, first, 10; second, $5.

Collection of double varieties, salmon and flesh-colored, not less than three nor more than six flowers each, first, $10; second, $5.

Collection of double white varieties, not less than three nor more than six flowers each, first, $10; second, $5.

Collection of double varieties, cream white and light yellow, not less than three nor more than six flowers each, first, $10; second, $5.

Collection of crimson varieties, without stamens, not less than three nor more than six flowers each, first, $10; second, $5.

Collection of double crimson varieties, with stamens, not less than three nor more than six flowers each, first, $10; second, $5.

Collection of tricolor varieties, including flowers with guard petals, collarette and center petals of different colors, not less than three nor more than six flowers each, first, $10; second, $5.

Twelve specimen varieties, twelve blooms of each variety, first, silver cup; second, $10.

Best one hundred blooms Festiva maxima, first, $10; second, $5.

Best one hundred double blooms pink, any shade, first, $10; second, $5.

Best one hundred double blooms crimson, first, $10; second, $5.

Collection of Japanese single varieties, including so-called Imperial varieties, first, $10; second, $5.

Collection of single varieties, first, $10; second, $5.

Open to amateurs and private growers only: Collection of not less than twelve varieties, one bloom of each variety, first, $10; second, $5.

Best and largest collection of pure white varieties, one bloom of each variety, first, $10; second, $5.

Collection of rose pink varieties, one bloom of each variety, first, $10; second, $5.

Collection of salmon and flesh pink varieties, one bloom of each variety, first, $10; second, $5.

Collection of tricolored varieties, one bloom of each variety, first $10; second, $5.

Collection of crimson varieties, one bloom of each variety, first, $10; second, $5.

Collection of cream and yellow varieties, with or without markings, one bloom of each variety, first, $10; second, $5.

Collection of twelve or more single varieties, first, $10; second, $5.

ANTS ON PEONIES.

I have some peonies, the buds of which are covered with the common black ant. Will they spoil the flowers and how shall I get rid of them? B. G.

Ants are often found on peony buds, but it is believed that they only eat the juices on the outside and do not perforate the petals of the peony. Experts are of the opinion that they do not cause any trouble except when an ant hill is formed around the roots of the plant, in which case they kill the plant. It seems to be a fact that unhealthy plants, such as are in soggy ground, seem to be more infested than healthy, vigorous plants, but why this is no one seems prepared to say. Probably the commonest method of destroying ants is to feed them some sweetened preparation containing arsenic.

H. O.



One of the Unique Plant Receptacles of C. H. Fox, Philadelphia.

THE RETAIL FLORIST.....

A SWEET PEA CONTEST.

In the pretty little city of Wausau, in Wisconsin, there are over 500 plots of sweet peas being tended by school children eager to win one of the prizes offered by Christ Lund, the enterprising florist who started the competition as a means of advertising his business. The plan is well explained by the following from a printed circular placed in the hands of every school child in the town:

In order to stimulate the interest in the growing of flowers, and thereby beautify our homes and our city, I have decided to offer cash prizes to the amount of $10 for the best flowers of sweet peas grown by any child under 14 years of age from seeds put up by me for that special purpose, to be known as "Children's Prize-Winning Sweet Peas," and sold at 10 cents a package, each package containing one ounce of the very best seed in assorted colors.

Any child attending school at Wausau will be entitled to one package of this seed by filling out coupon below, and presenting it with 10 cents, at my greenhouse at 914 Grand Ave., Tuesdays after school and Saturdays, until April 18.

The Ladies' Literary Club has kindly consented to appoint judges, select time and place of exhibition and award prizes. The prizes will be divided as follows: One first prize, $3; one second prize, $2; one third prize, $1; eight fourth prizes, 50 cents each.

In addition to this I will give to the school whose pupils buy the largest number of packages of seed, a collection of hardy plants to be planted on the school grounds.

The immediate result was a very large number of visitors to the greenhouses, giving an opportunity to show the stock, and immediate sale of sweet pea seed and other stock to a total somewhat above the total expense, leaving a fair margin of profit, to say nothing of the most valuable consideration, the benefits to accrue as the season progresses.

The coupon mentioned in the offer was for the purpose of getting a record of the children who started in the competition. On the circular were the following directions for growing sweet peas:

The seed should be sown in rich, well-prepared ground early in the spring, usually from the middle to the end of April, if possible in ground where sweet peas have not been grown before. Make a trench about six inches deep, in which plant the seeds two inches apart, cover at first to a depth of about two inches. When the plants are up a few inches, draw in more soil, but not fully level with the surface, so you may have a chance for watering in dry weather. Keep free from weeds at all times. A support of some kind is necessary as soon as sweet peas are two or three inches above the ground. Either brush or wire netting will answer the purpose. Always pick flowers before they go to seed. The better you tend to the picking the better they will blossom.

RETAILERS' ADVERTISING.

The subject of advertising for retail florists is one which has received little attention, much less than it deserves, for the matter of advertising is one of the most important connected with any form of merchandising. It has been said that what steam is to an engine, advertising is to a business.

The advertising of a flower store is in no particular different from the advertising of any other kind of store, except that the wares offered give an opportunity for better work on the part of the advertising writer. It was only a short time ago that retail florists did not advertise at all, but they are gradually beginning to see that the use of space in their local newspapers is one of the best ways of drawing public attention to what they want to sell. The advertisements of a number of florists through



"For Wedding Decorations" And Floral Designs,

Ed Sceery, The Florist, is renowned,

Decorations for occasions, here are found,

Select cut flowers, plants and exotics too,

Choice line of Palms, and Ferns, he has for you,

Eager to please, at No. 184 Main St., he will try,

Exacting customers wants, in every way to satisfy,

Ring up by 'phone or on "SCEERY THE FLORIST" call,

You'll find in Paterson, "HE LEADS THEM ALL."

300,000 Blooming Plants for Window Boxes and Lawns.

Hardy Roses, Hardy Bulbs and large Pansies. Try our made-up wreaths and cemetery vases for Decoration Day. Finest article ever put on the market. Leave your orders early and you will not be disappointed.

Eischen Bros.,
FLORISTS.
Both 'Phones.
116 West Superior Street, Duluth.
1418 Tower Ave., Superior.
Greenhouses at Arlington Place.
Prompt attention given all mail orders.

FLORISTS.

FOR artistic funeral designs and bunches of flowers at reasonable prices see SMITH & FETTERS, 148 Euclid.



WE Pay Your Street Car Fare Both Ways if you purchase over 50 cents worth.

PREPARE FOR DECORATION DAY

Beautify your home place and fix up that lot in the cemetery by setting out some attractive flowering plants. Our trade has been fully double that of previous years, thus showing the constantly growing demand, but we still have a good supply of most varieties and would specially recommend for cemetery and home planting:—

Geraniums, Heliotrope, Double Petunas, Ageratum, Vincas, Myrtle, Lobelia, Coleus, Variegated Steria, Daisies, Salvia, Carnations, Feverfew, Alyssum, Peonies, Roses, Fuchsias, Cannas, Gladiolis, Verbenas, Achillea, Pansies and Hardy Shrubs.

There is still plenty of time to set out evergreens and we have some extra fine shaped trees at low prices. You can leave orders at the store if desired but it will pay you to go to the greenhouses and see the plants.

IOWA SEED CO. Store 613-615 Locust Street
Greenhouses 30th & Kingman



Cut Flowers

of many varieties, in perfect condition, at reasonable prices.

American Beauty, Bridesmaid and White Roses, White, Crimson and Pink Carnations, Lilies of the Valley.

FLORAL DESIGNS

Phone Orders Receive Prompt Attention

E. O. LOVELL
614 University Ave. Phone 330

Nothing just as good in the Floral line as the

GENS FLORAL CO.
Turn out. Both 'phones 3200
143 So. Main.
Leave orders early for Decoration day.

HARDY PLANTS



Such as Peonies, Phlox, Snowballs, Hollyhocks, Rose Bushes, Hardy Monthlies.

Our plants are large, well grown, and guaranteed to stand the winter, and will bloom this season.

N. P. Grass Seed, guaranteed the best. Sweet Pea Nasturtium, and all varieties of flower seeds—our own putting up and strictly fresh.

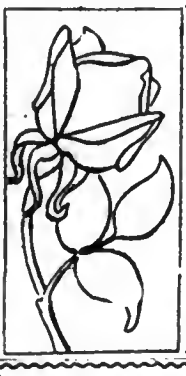
Bedding plants, Geraniums, Verbenas, Pansy, Cannas, etc.

In cut flowers, you can depend on getting the best at all times, for parties, funerals, weddings etc.

Special attention to out of town orders.

Write for our new catalogue.

SHOTWELL & GRAVER
FARGO, N. D.



DECORATION DAY and GRADUATION FLOWERS

Roses, Carnations, Peonies, Sweet Peas and all other Flowers. Floral Designs, Bouquets and Baskets for every occasion.

Telegraph, Telephone or Mail Orders Promptly Filled

11 So. 7th St. **PATTHEY & THOMPSON** FLORISTS, Minneapolis, Minn.
Telephones—N. W. Main 715. T. C. 2800.

Window Box Planting

FLOWER GARDENS, FLOWER BEDS, CEMETERY PLANTING, Etc.

Thousands of Geraniums, Coleus, Cannas, Asters, Marigolds, Verbenas, etc., Grown Especially for Transplanting

Opposite Hillside Cemetery Telephone-T.C. 16318 **HANS ROSAKER** 19th Avenue and H. Street North East

Garden and Cemetery Planting

We have thousands of Geraniums, Cannas, Asters, Dahlias, Verbenas, etc., grown especially for transplanting. Estimates cheerfully given.

Roses, Carnations, and Other Cut Flowers

Telegraph, Telephone and Mail Orders Promptly Filled.

R. WESSLING, Florist
WHOLESALE AND RETAIL.
Office and Salesroom, Hennepin and 36th Street.
——Both Phones——

Flower Gardens

WE PLANT THEM WITH THE FINEST

Geraniums, Coleus, Cannas, Marigolds,

Asters, Dahlias, Etc.

Thousands of strong, healthy plants grown especially for our bedding trade. Estimates for planting Flower Beds, Window Boxes, etc., cheerfully given.

E. NAGLE & SON, 1118 West Lake Street. Both Phones.

Crystal Lake Cemetery Greenhouses

We take pleasure in calling the attention of our patrons and the public to our purchase of the greenhouse located at the corner of Thirty-eighth avenue north and Humboldt, opposite our "entrance." We are in a position to fill orders for all bedding plants, cut flowers, funeral designs, decorating, vase filling, planting, etc. We earnestly solicit your patronage. Prompt attention given to all orders. Come and see us.

PHONES
N W—Main 3253-J-1
Twin City—13244.

Crystal Lake Cemetery Co.



Hardy Trees & Plants
The BEST at Right Prices
Catalog FREE

STRAND'S NURSERY
R.F.D. 20

WE SELL Direct to PLANTERS.
Taylors Falls Minn.



30000 Apples

Fifteen varieties, 4 to 6 feet Fine Trees at BEDROCK PRICES.... must be sold.

THE NORTHFIELD NURSERY

Is growing two hundred thousand hardy Apple Trees for the Northwest trade, and a general line of Nursery Stock. Greenhouse attached.

C. P. Nichols, Northfield.

Some Typical Examples of the Advertisements of Retailers.

the country are reproduced in this issue. These are not offered as examples of what flower store advertising should be, but as examples of what it is. There is room for improvement, but these are better than none. Why it should be that a florist does not quote prices in an advertisement is hard to see. The most liberal advertisers of all are the department stores and they never print an advertisement without quoting prices on the goods advertised. This is true of the high class stores, like Marshall Field's in Chicago, as well as of the stores which cater to the cheaper trade. It is not necessary to quote cheap prices to attract trade, but advertising men in general have come to the conclusion that no advertisement is so strong as it might be unless it tells the prospective buyer what the article in question will cost.

Florists everywhere are invited to send the Review samples of their local retail advertising. The best of these will be reproduced from time to time as opportunity offers.

A CALLA LILY BASKET.

There is no one flower so often and more unjustly accused of being stiff as the calla lily. To tell the truth, it is a little difficult to handle and arrange gracefully, especially in flat bunches. Just what the difficulty of the average designer is with this flower is not so easily defined. Look at one flower alone, with its stem. From the point of the perianth down the outside toward the stem and through its extreme length, it is a long graceful curve, and from the folded side of the perianth down the other side of the flower and stem, it is still the same graceful, easy line. Why should not a group of callas somewhat approach the natural curve of the one flower?

As has been said of other flowers in a flat bunch, callas should have a springy support under them to keep part of the flower from being folded under, as it would be if laid flat upon a hard surface. As a rule a group of callas looks better with the perianth point outward.

While there is no disputing the fact that its natural foliage is always the best with a flower, it is not always practical to try to carry out this rule. In this case the foliage is abundant and accessible, but its poor lasting qualities prevent using it cut, and we fall back on the old standby, wood ferns, with a light spray of Asparagus plumosus and a rosette of yellow dotted chiffon and white satin ribbon. Two streamers of the ribbon falling from this rosette are caught on the right side, with a smaller rosette of the chiffon below and a tiny bow of the ribbon on the shorter streamer.

The coloring in this case is brown in the basket, yellow and cream in the flowers and ribbon, and green, which is always understood to be present in less or greater quantities.

The fault in so many baskets, round bouquets and the bases of standing designs is the evenness of the top surface. For instance, on a dove and basket of flowers for funeral use, the line drawn across the top of the flowers slopes gradually and uniformly on all sides from the center out. Plow up that even top. Cut some stems quite short. Leave others long. Let a few strong stems tower away above the others. Throw a few out of the regular line down over the edge till they fall out lawlessly from the mass of flowers and foliage. This plan not only makes a more pleasing and inviting arrangement, but shows the quality and size of the individual flowers to a decidedly better advantage.

This basket, while being suitable for a funeral or decorative design, was originally a store display piece.

Often some one flower becomes a drug on the market and requires some new "dress up" to induce sales. Herein lies the value of a good stock of accessories. Instead of setting out your surplus stock of callas in a papier-mache pot, which is all well and good for storage purposes, set the jar inside of some such basket as is here pictured. Add the foliage and ribbon and set in a prominent place in the store, in front of the door, or in the window. It may at least sell the callas and perhaps sell itself too, or some day a customer will recall the design and order one like it. It is a good plan to have some kind of a display basket in sight most of the time. If well arranged and novel, they often sell on sight. Full blown roses can often be used in this way more than once. Don't throw them away till they begin to drop their petals.



Basket of Callas.

The same rule holds good in the display of plants. The one plant no better than the others in a group will sell quicker than the rest out of an appropriate pot cover. Gertrude Blair.

PUBLICATIONS RECEIVED.

[The Gold Mine in the Front Yard and How to Work It, by C. S. Harrison; Webb Publishing Co.; $1.]

C. S. Harrison has spent a long life in the pursuit of horticulture and has given no small part of his time to the endeavor to bring the beauties of nature home to the people. The volume in hand is his most pretentious work in this direction. The purpose of the book is to show its readers that expenditures of time and money in the horticultural improvement of a property are repaid many fold, not only in the pleasure afforded the owner if it be a home, but in real dollars if the property is put upon the market. The suggestions are particularly applicable to conditions as they exist on the prairie farms of the great west, where the author asserts millions of dollars may be added to realty values by a very small investment in plants, supplemented by the employment of a little time.

Only a few of the 279 pages in the book are devoted directly to the plea that the life of the back yard is not the sole object of existence; far the greater part of the volume is taken up with suggestions as to the treatment of the front yard, methods of planting, the care of plants and material to plant. The tree agent comes in for an excoriation. No writing of Mr. Harrison ever failed to say a word for the peony and an especially good one for some of the excellent creations of western growers. In this case eighty pages, or nearly one-third the book, are given to the author's favorite flower, including a list of recommended varieties so long that it could not but be bewildering to the man who wants to make a modest start in developing his front yard gold mine. But the descriptions and comments are full of interest to the peony grower, even if much of the matter has already been published in Harrison's Peony Manual. However, exception must be taken when one reads of Festiva maxima that plants wholesale for $1 each and that it is impossible to supply the demand while, the author is "informed that the cut blooms bring $2 per dozen wholesale in Chicago." Mr. Harrison has been misinformed.

Far more than those gentlemen have ever done for themselves, Mr. Harrison does for Terry, Richardson and Rosenfield in exploiting some of the wonderful peonies which have originated on their places. For these modest western growers, whose work is deserving of all praise, Mr. Harrison lets no opportunity to lend a helping hand go unimproved.

Other chapters deal with many of the other flowers from which in the front yard pleasure and profit are to be derived and it is to be hoped that the publishers are able to get the volume a wide reading, for its purpose is most commendable from whatever point of view.

Sales from the advertisement in the Review have been very satisfactory.—W. H. Newman, Akron, N. Y.

Rives Junction, Mich.—E. E. Stewart has finished planting his gladiolus bulbs, of which he has an increased acreage.



Group of Cattleya Thayeriana, Raised by E. O. Orpet, South Lancaster, Mass.

CATTLEYA THAYERIANA.

This excellent cattleya was raised by E. O. Orpet, superintendent gardener on the E. V. R. Thayer estate, South Lancaster, Mass., and is the result of crossing C. intermedia with C. Schrœderæ alba. The cross was made April 4, 1896, and the seed sown March 26, 1897. There are now at South Lancaster some ninety plants in all, some of these being big specimens in 16-inch tubs. The plant is a very vigorous grower, usually making two sets of bulbs a year and flowering both in spring and fall. The photograph reproduced shows a group in bloom at the end of March of the present year.

The flowers show a wonderful variation in colorings, hardly any two being precisely alike. While some are almost pure white, others are pale pink, with no color on the lip, while some have a lip of darkest amaranth. This variety received a silver medal from the Massachusetts Horticultural Society when first exhibited.

E. O. Orpet, the raiser of this and many other fine seedlings, is of English birth, working at a number of first-class places there before coming to America. He has been at South Lancaster some fifteen years, revolutionizing his place since he took it in hand. His first experiment in orchid hybridization was made in 1895. He now has some 3,000 seedlings in various stages, including some odontoglossums with leaf points, probably the only ones in the United States, certainly the first we have heard of. His future success with these latter, if he succeeds in rearing them, will be something of a triumph, as odontoglossums are especially difficult subjects to handle, owing to our hot summers. Mr. Orpet has had excellent success with them the past two or three years, since giving them full winter sun and growing them in a north house from April to November.

Mr. Orpet is still busy making promising and interesting crosses, using Sophronitis grandiflora on cattleyas and lælias, these crosses being more difficult to accomplish. His seedlings all show wonderful vigor. A large proportion flower twice a year and he is really never without flower on some of them. There would seem to be great possibilities in a race of American seedling cattleyas, which possess a vigor and vitality far superior to that of any of the imported species.

Seedlings from South Lancaster have been awarded several gold medals in Boston as well as a number of silver gilt and silver medals and numerous certificates of merit. No other American orchid hybridist has approached Mr. Orpet in success with cattleyas and lælia seedlings. W. N. CRAIG.

SOME BURBANK ACHIEVEMENTS.

[A paper by Edwin Lonsdale, read at the May meeting of the Florists' Club of Philadelphia.]

Very entertaining articles are being prepared for the magazines these days, one of the most elaborate being by W. S. Harwood and which appeared in the March and April numbers of the Century Magazine. There is no doubt that Mr. Harwood is correct when he says that Mr. Burbank has become the foremost man in the world in the production of new and interesting forms of fruits, trees, flowers, vegetables, grasses and nuts.

Mr. Burbank, when he had made up his mind to make the improvement of vegetation his life work, had the good judgment to make California his home and the scenes of his world famous experiments and triumphs.

His recognition has been tardy, but last year more than 6,000 men, embracing among them the very pick and flower of the scientific life of two hemispheres, made the pilgrimage to his Santa Rosa home to study the lines of his investigations, to see with their own eyes many things which their scientific minds could not accept as truth, without visual demonstration, and to learn some details of the supreme results achieved. During the year, 30,000 letters were received, coming from every quarter of the globe, asking for more light upon his work. The Carnegie Institution has recognized his worth in a substantial manner by granting the sum of $100,000 to be made available in sums of $10,000 each year for ten years.

This will be a great aid in carrying out the many experiments he now has on hand, and it is to be hoped they will be carried to successful conclusions.

What apparently at this time will in the future be considered Burbank's greatest achievement is the development of the thornless cactus, which is botanically an opuntia and commonly called the prickly pear. For a period of over ten years he has worked with the utmost persistence and skill until at last he has developed a cactus plant that will convert the desert into a garden. "He has not only made it thornless," so says Mr. Harwood, "but he has made it adaptable to any climate." This we can readily believe, "as it will thrive on the hot desert and it will grow with marvelous fecundity when irrigated or when planted in rich soil." Its great value as an article of food for cattle will in truth make the desert smile. The tenacity of this class of plants is well known to all plantsmen.

And some of the fruit of this prickless pear is possessed of a flavor hitherto unknown, having a combination of the flavors of half a dozen fruits, variously suggesting pineapple, melon, peach, apricot, but yet without definition or identification. It is full of nutrients, too; in fact, it has been found that the natives of some southern climes virtually live upon the fruit of one of the crude parents of this wonderful plant. It is stated that one of the more highly developed plants grown to almost gigantic stature in three years has over 600 pounds of nutritious food for man and beast upon it, and as one looks upon this one plant and thinks of the vast multiplication of it now possible, you begin to realize of what is likely to come to pass in the reclamation of the waste places of the earth. This cactus now becomes a definite practical food. It may be eaten raw or cooked. The leaves may be put up and preserved as ginger or melon rinds or citrons. They may be eaten in a variety of ways, while the fruit itself will prove one of the delicacies of the market.

The new variety preserves its type, never reverting. There is apparently no disposition to go back to the original.

Mr. Burbank has done much among the poppies. He has succeeded in crossing an annual with a perennial, and some of the flowers are said to be ten inches across. The species operated upon were the oriental poppy, Papaver orientalis, as pollen parent, and the opium variety, P. somniferum, as seed parent.

Another of his achievements was the creation of the fastest growing tree in the temperate zones of the world, a walnut which in thirteen years has grown to six times the size that an average walnut has grown in twenty-eight years. The shells of this walnut were bred so thin that birds could pick holes in them, so that it became necessary to reverse the process, breeding back until the shells have become of the requisite thickness.

The plum-cot, another achievement, is a combination of the common American plum, a Japanese plum, and the common apricot, producing a fruit unknown to

the world before, with a delicious flavor unlike either of its ancestors, and plentiful in nutrients and beautiful in color. Incidentally, the plum-cot with the primus berry, disproves the dictum of scientists that new species cannot be produced by man.

Amaryllis blooms ten inches in diameter of excellent coloring are among his products; also new types of gladiolus, some with the flowers set all around the stalk and not all on one side, as is the case with the type, but whether they will rank with the new type raised by Groff, can only be determined by experiment. A dahlia with the perfume of the magnolia is another of his achievements.

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Great things are expected by Mr. Burbank's improvement of the Australian star flower. Seed of the original has been offered by most of the leading seedsmen this year. It is quite a promising flowering plant. It is bright pink, and fragrant, and the flowers are said to retain their form and coloring almost indefinitely and are recommended to be used on ladies' hats in millinery.

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Mr. Burbank has accomplished great things with the plum; mostly all of those so-called Japanese are the result of his manipulations. He now has 300,000 distinct varieties of plums, 60,000 peaches and nectarines, 5,000 to 6,000 almonds, 2,000 cherries, as many pears, 1,000 grapes, 3,000 apples, 1,200 quinces, 5,000 walnuts, the same number of chestnuts, with many thousands of other fruits, flowers and vegetables, which he is working on to improve.

Mr. Harwood relates very entertainingly how Mr. Burbank was walking one summer evening through his experimental grounds past a bank of verbenas, a scentless sort which he was breeding up into a finer variety. On this occasion he was attracted by a faint, sweet odor from the bed; he tried to locate the flowers emitting the perfume, but was unable to do so. A year later, passing by the bed, he was again attracted by the odor of the trailing arbutus.

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No doubt at all this is quite true, for it is no new thing to have fragrant verbena flowers. In the days when verbenas were more generally popular than they now are, some of the cultivated varieties at that time produced flowers with a decided odor, and in the evening it was when these flowers gave off their scent, which was truly suggestive of the trailing arbutus. I have not grown the verbena for many years, but as I remember them, some varieties were absolutely without fragrance, whereas others were decidedly sweet. While the color may not have influenced the odor, there were colors which were more likely to be scented than others. The scarlets and bright pinks were generally scentless, while the purples and whites most often had the arbutus-like smell. And, again, if my memory serves correctly, there were many variations from that rule. If there are any verbena growers present, they, I hope, will throw more light on this subject. If Mr. Dillon is present, who grows 500,000 verbenas annually, he may help us.



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Mr. Burbank has increased the size of the flower of a sedum, but which of the numerous species and varieties he has so improved is not stated. He has raised a pampas grass with pink plumes, but what is the shade of pink? Is it the color of Carnation Enchantress or Scott or Lawson? It would be interesting to know.

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There is nothing at all difficult in grafting a French plum on a Japanese plum, even if the French plum were unknown in America. Here is something hard to understand. "The graft bore no bloom." Yet its seedlings took on a wholly new life and became hybrids! Where did the seedlings come from if this new creation bore no bloom? How could there be seedlings if there were no seeds. There could be no seeds if there were no bloom. If there were no petals, there must have been a pistil and stamens, or there could have been no fruit, no seeds, and consequently no seedlings. Something very important has been left out in what Mr. Harwood has been trying to elucidate. It is possible that the combination of the saps of the French and Japanese plums has caused the resultant tree to produce a shoot that was different from the stock, and this shoot would be called, generally speak-

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cient to cloud the solution takes place within two days, the chances of securing an efficient culture are much better than where a longer time is taken; so that the volume of solution prepared should never exceed the actual requirements of the occasion.

The following directions are based on making ten gallons of liquid culture sufficient to inoculate twenty bushels of seed. By a little computation the directions may be adapted to five gallons or to any intermediate quantities.

Preparing the Culture Solution.

To prepare the culture solution, first select the tub, bucket, or other vessel in which you wish to grow the bacteria. Clean and scald it out thoroughly. For making the culture solution, rain water that has been thoroughly boiled and allowed to cool is best, though any good drinking water will answer. Add to ten gallons of water twelve ounces of either brown or granulated (preferably granulated) sugar, one and one-half ounces of potassium phosphate (monobasic), which can be obtained at any drug store, and one-sixteenth ounce (thirty grams) of magnesium sulphate. Stir until dissolved, then carefully open the small package containing the bacteria-laden cotton and drop the cotton into the solution. Do not handle any more than is absolutely necessary. Cover the tub with a moist, clean cloth to protect from dust, mold spores, etc. Keep in a warm place, but never let the temperature rise above blood heat. After twenty-four hours add six ounces of ammonium phosphate and allow the mixture to stand for another twenty-four hours. The liquid should now be cloudy and ready for use; if sufficient growth has not taken place to bring about this cloudiness, further time should be given, not to exceed a few days.

To inoculate seed use enough culture liquid to moisten the seed thoroughly—about one-half of a gallon per bushel. This inoculating may be done either in a tub or trough, or by sprinkling the culture liquid on the seed on a clean floor and stirring and turning the heaps of seed with shovels until all are thoroughly moistened. After inoculation the seed should be spread out in a clean, shady place until sufficiently dry to handle. If planting is not to be done at once, the seed must be thoroughly dried to prevent molding. Inoculating fields by soil transfer is attended by many dangers and is not recommended. The inoculated seed, if thoroughly dried, may usually be kept without deterioration for several months.

Keeping Cultures.

The question is frequently arising as to the possibility of the farmer's keeping over cultures from one year to another by soaking up a little of the liquid culture in cotton and drying this cotton. This proposed practice is not to be advised in any case. Contaminations take place so readily, and once started spread so rapidly, that for assured good results it is absolutely necessary to start with a pure culture. The pure culture, moreover, can only be prepared by a trained bacteriologist with laboratory facilities. These cultures in the dry state will keep, under ordinary conditions, from six months to a year.

Pure-Culture Inoculation.

The extensive experiments carried on by the Department of Agriculture during 1904 demonstrated the fact that, by the proper use of pure cultures, the nodule bacteria are actually carried into the soil in such a way as to form root nodules, and where other conditions are favorable the inoculation thus brought about makes possible the growth of each legume in soils where it had previously failed from the lack of bacteria. The original cultures used, however, must be prepared with the utmost care and with a view to preserving and increasing their natural power as "nitrogen fixers" rather than merely to make them grow under favorable conditions.

The Department is ready to coöperate with experiment stations and commercial firms, to give and to receive suggestions, to test the product of others, and to furnish, as far as possible, cultures to be tested in the laboratory and under field conditions.



Spiraea Van Houttei in Kansas.

SPIRAEA VAN HOUTTEI.

There are those among planters who consider Spiræa Van Houttei the premier among flowering shrubs, and certainly there are few among the subjects used by gardeners which could be pointed to as its superior. Perfectly hardy, it possesses a most graceful habit and a remarkable profusion of bloom, being at the same time one of earliest to flower. The accompanying picture might be taken for an illustration of that old text, "What's the Matter With Kansas," horticulturally speaking, for it is reproduced from a photograph made at Cherryvale, in that state, on April 27 and shows that in this respect Kansas is certainly all right. Usually Spiræa Van Houttei is catalogued as six feet high, but this specimen is a great deal more than that, and twelve feet in diameter. It is growing on the lawn of W. E. Dixon.

WHAT IS A GOOD BOSTON.

We recently bought 100 3-inch Boston ferns from a man who offered us "extra thrifty" stock at what seemed a cheap price for that kind of stock. Now we are wondering what constitutes an extra thrifty Boston. The box and the 100 plants, packing and all, weighed just thirty pounds. The average plant had four or five fronds. Is that enough? The fronds were from two to three feet long. We thought that was too thrifty and sent them back. Please describe what you think a 3-inch Boston should be like. P. & P.

This seems to be another illustration of the fact that the lowest priced stock may not prove to be the cheapest, and it would appear from the description that the plants in question would hardly rank in the class of extra quality. A good Boston fern in a 3-inch pot should be short, stocky, and well furnished, having six to nine fronds that would vary in length from nine to fifteen inches. If the plants are grown closely together on the bench, and have been in this size of pot for a length of time, some of the fronds would exceed these dimensions, but fronds three feet in length are certainly excessive for a plant of that size. W. H. Taplin.

SWEET PEAS.

I wish to ask how to grow sweet peas and have them in bloom for Thanksgiving. When should they be sown and how treated? W. H. M.

We have never picked sweet peas as early as Thanksgiving but know where it has been done. The seed was sown

the first of August in about six inches of soil on the floor of the house, but a bench would do just as well. If you had no bed or bench vacant at that time you could sow a few seeds in 4-inch pots and plunge them outdoors and with a little support to the growing vines they need not be put on the bench until the end of September. A perfectly light house is a necessity and all the ventilation you can possibly give them until winter sets in. W. S.

JOHN F. SULLIVAN.

Like so many of the most successful men in the trade, big, hearty John F. Sullivan hailed originally from Philadelphia. He was born at Avondale, in the carnation belt, and gained his floricultural education in the environs of the Quaker city. He was with the Dingee & Conard Co., at West Grove, for a number of years in the early 70's, beginning at the bottom of the ladder and graduating as foreman of the rose department. Subsequently he spent a term at Louisville, with the firm of Nanz & Neuner. It was in 1886 that Mr. Sullivan located at Detroit, buying an establishment at that time devoted to rose growing. A few years later he bought his present place a few miles outside of town and known to many in the trade. In 1888 Mr. Sullivan started a retail store in a modest way, later removing to Woodward avenue, which is one of the finest business streets in America, where he has since maintained a very attractive store. Mr. Sullivan was a pioneer in his city in going into the most expensive retail districts with a flower store, but others have since followed his example.

Mr. Sullivan married while at Louisville and to this happy circumstance he attributes very much of the success which has come to him in life. Mrs. Sullivan has been his partner in business affairs as well as in those domestic. She manages the retail store and has a wide acquaintance in the trade. Mr. and Mrs. Sullivan have four children, two sons and two daughters, the oldest of whom are also to be found in the store.

Mr. Sullivan has taken an active part in the affairs of the S. A. F. and of the Carnation Society. He was a director of the S. A. F. for one term and a leader in the entertainment of both the national society and the Carnation Society upon the occasions of their visits to Detroit. At the St. Louis convention of the S. A. F., Mr. Sullivan's friends proposed him for the secretaryship and he lacked no great number of votes of election.



John F. Sullivan.

FOR WINTER CUTTING.

Being located in a small town in the south, can you suggest something to plant for winter blooming besides carnations and roses? We heat by two 4-inch steam pipes running clear around the greenhouses and have two beds twenty and fifty feet long which we should like to occupy. J. A. W.

This will depend largely on whether what you cut is to be sold in this "small town" or whether you ship to a larger market, and very much on the condition of your house and what temperature you can keep up in cold weather. Mignonette is a good crop and gives almost continuous cutting. Bouvardia needs 60 degrees to be profitable but, if you have the market for it, it is profitable. Violets of course you know all about. If successful there is nothing beats them, but if not a success they are generally a total blank. Antirrhinums give a fair return during winter, and successive crops of sweet peas are profitable. If headroom and, again, if the market is right, a bench of smilax planted in early July is a good paying thing. There are a multitude of other winter flowering plants but they are better grown in pots and you can have successive crops.

W. S.

THE DOUBLE GYPSOPHILA.

"Gypsophila paniculata fl. pl. has not yet come much to the front," says a writer in the Horticultural Advertiser, "but I feel sure we shall yet see it as a most popular market plant for cut bloom. I persuaded one grower to try it when plants were rather expensive, and I hear from him that he was so well pleased with the result from the few plants that he had, that he has since bought it by the hundred. It comes in a little later than the ordinary G. paniculata. For associating with sweet peas and other flowers in light arrangements, there is nothing prettier, and when properly grown it will always command the attention of florists. It will grow as freely and under the same conditions as the ordinary form, but a little protection when the flowers begin to open will be a great advantage. Frame lights are generally to spare at the time it flowers, and these put over will keep the dust off, and also ensure the flowers opening almost a pure white. There is a little difficulty in propagating this, as it can only be done from cuttings. It is said that the best time is in August or September, treating it similarly to other herbaceous plants that are propagated at that time. I have succeeded fairly well in the spring, and the earliest cuttings have flowered the same season. A little bottom heat with a cool surface suits the cuttings best, and the tips may be taken out; this prevents them from starting and taking the sap from the base before the cuttings are callused."

THE FANCY PANSY.

"We have traveled a long way with the fancy pansy since M. Miellez, of Lille, sent over to E. G. Henderson & Son, of the Wellington Road Nursery, St. John's Wood, his first batch of new varieties he had been instrumental in improving," says Argus in the Horticultural Advertiser. "Andrew Henderson, fearing that the hot and dry London climate would prove fatal to the plants in summer, sent them to William Dean, then of the Bradford Nursery, Shipley, to grow them for the London firm. Here they did remarkably well, but as the climate, which is as cold as in the coldest parts of England, proved too rigorous for them to be exposed in the winter, the plants were lifted in autumn, divided and planted in a prepared bed in a cold frame, together with the young plants struck from cuttings during the summer; and in this way stock was soon increased. M. Miellez sent over two or three other batches of seedlings, and then his death stopped further supplies. Meanwhile, seedlings were raised at Shipley, and the improvement in the flower

was rapid. The Scotch florists in particular took up the culture of the fancy pansy, and most of the new varieties are now raised in the north. Some of the French and German florists make a specialty of the fancy pansy, but their selections lack the substance, form, and in most cases, the brilliancy of the Scotch varieties.

"It is claimed for John Salter, of chrysanthemum renown, that he originated the fancy pansy, when residing at Shepherd's Bush, London, in the thirties. He was then an amateur, and selected striped and blotched varieties. It is natural to suppose that when in the early forties he established himself at Versailles, France, he took with him his fancy pansies, and no doubt distributed them. The revolution of 1848 drove Mr. Salter to Hammersmith, where he established the Versailles Nursery, and catalogued fancy pansies. In 1852, John Downie exhibited six varieties in Edinburg, and it is probable they represented varieties raised by Mr. Salter. The English show pansies, selfs, white grounds, and yellow grounds are still much grown in the north, but in the south they have practically ceased to be grown."

PANAX VICTORIAE.

I think the correct name of this panax should be P. fruticosum var. Victoriæ. The illustration shows a compact, handsome plant. The panax are really small trees or shrubs but this variety has the habit of sending up frequent new growths and, with the curled form of growth, pretty variegation and compact habit, it makes a very ornamental and a particularly handsome table plant. There is nothing special about its culture. Being evergreen there is no decided rest required, merely less water than when it is in active growth. In winter it should not be given a less temperature than 55 degrees at night. In appearance the panax much resemble the aralia. The botanical difference is not of interest to the average florist. W. S.

This prettily variegated plant is a relative of the Chinese ginseng, though not a native of China, P. Victoriæ having been discovered a few years ago on some of the South Pacific islands. It is a compact growing shrub, much branched and bearing leaves that are almost pinnate, the leaflets, more or less divided and edged with a white variegation.

Though introduced under a specific name, it is stated by botanists that P. Victoriæ is probably only a form of P. fruticosum, a species that seems to be quite variable, but this does not affect the fact that the plant in question is quite an attractive one when nicely grown, and one that may be sometimes used to advantage where a general collection of plants is handled for the retail trade.

One of the uses to which P. Victoriæ may be put is in the filling of vases and veranda boxes for outdoor decoration during the summer, its feathery foliage giving a good effect among other plants, and the panax being fully as hardy as Aralia Veitchii or A. Guilfoylei, both of which are good plants for this purpose.

But in using this or any other member of the aralia family for outdoor work we should always take into consideration the fact that plants that have been grown in a close, warm house are tender, both in foliage and root, and consequently they should not only not be put outdoors too early in the season, but should also be hardened off to some extent by a gradual exposure. It is the spring chill that is most frequently responsible for failure of tender foliage plants when placed in the open garden, often causing them to drop their leaves and look generally miserable for more than half the season.

But to return to our subject, P. Victoriæ is a very easy plant to manage and also quick in growth, and the most useful sizes for the purpose indicated are nice, stocky plants in 4 and 6-inch pots, and such plants may be grown on almost as readily as geraniums if given a rather light and rich soil and a temperature of 60 to 65 degrees during the winter nights, and also well supplied with light and moisture.

Propagation is readily effected by means of cuttings not only of the tops, but in common with most members of the aralia family short pieces of the stronger roots planted in sand or light soil and kept in a warm house will soon develop shoots, and may then be potted off either singly or several together in a pot, as may be best adapted for the purpose in view. W. H. Taplin.

SOME NEW HYBRID CLEMATISES.

"I would like to call attention now to three hybrid clematises obtained from species very remote from each other, since one is a perennial," says a writer in the Revue Horticole. "The perennial is that beautiful clematis with urceolate vermilion-red flowers. The shrub beclematises like Jackmani, rubella, Gipsy Queen, Perle d'Azur, Ville de Lyon, Comtesse de Bouchaud, Nellie Moser, Viticella venosa, modesta, etc., whose numerous varieties furnish our gardens with some of their most attractive flowers. Now that the introduction of the parents has been made, a glance at the offsprings will be sufficient to show that they are entirely different. So true is this, that, if these plants had been introduced as having been found in a wild state, there is no doubt that they would have been accepted without hesitation as authentic new species. The presence of Clematis coccinea is revealed by the brilliant tinges of vermilion-red. The following descriptions are supplied:

"Mme. Raymond Guillot, herbaceous annual; leaves deeply divided, reddish petioles; peduncles one flowered; buds purple on their first appearance; flowers of a velvety purple. The product of Gipsy Queen crossed with coccinea.

"Mme. Moret, herbaceous annual; leaves with rounded divisions, obtuse, very irregularly lobed; peduncles many flowered; buds green at first, reddening toward the top; flowers brilliant crimson, with bright red veining; sepals vinous red on the exterior. It has not yet produced seeds. The result of Comtesse de Bouchaud crossed with coccinea.

"Mme. Lerocher, herbaceous; leaves large, with large, rounded divisions; peduncles generally bearing three flowers; buds short, very thick, deeply furrowed, green at first, passing to pink at the time of opening; flowers white, margined with pink. Ville de Lyon crossed with coccinea.

"This race of clematis is distinguished by the ease with which it accommodates itself to high temperatures. The plants flower magnificently in July and August under the hottest sun, and develop their blossoms splendidly upon sun-scorched walls."

Allentown, Pa.—Edwin N. Kroninger is doing a very good business this season.

The Review will mail you the Chrysanthemum Manual for 25c.



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Mignonette	.35 to .75
Marguerites	.75
Shasta Daisies	1.50 to 2.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Ferns, per 1000, $3.00	.30
Galax, per 1000, $1.25	.15
Adiantum	1.00
Smilax, per doz., $1.50	10.00

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CHICAGO.

The Market.

No feature of the flower business has developed so rapidly in the past two or three years as the Memorial day trade. It has become something phenomenal. And this year marked another big increase in the volume of business in spite of the fact that the teamsters' strike undoubtedly kept more or less stock out of the market. It is worth while making a mental note for reference next year that Memorial day calls for a great deal more stock than any other holiday and that in point of money value it ranks next to Christmas and Easter.

The business did not start until Friday but from then until Monday night every wholesaler was on the jump and hardly able to give the attention which individual orders demanded. As an indication of what the business amounted to, one house shipped on Sunday seventy-seven orders and there were none of them in small boxes. The express companies delivered the incoming stock in satisfactory shape and the wholesalers' teaming arrangement operated splendidly in getting the out-going boxes to the depots. While Friday and Saturday saw very big business, still the bulk of the shipments were on Sunday afternoon. Wabash avenue is dead at that time and the wholesalers pre-empted the west sidewalk just north of Randolph street, a spot familiar to practically everyone in the trade. Here big squares were drawn out and marked with the times of out-going trains. As fast as a box was ready it was hustled over to this spot and placed in the proper square. Of course, the 700 or more boxes were never all together at one time but the huge piles of boxes which grew as fast as five teams could make the trains served to give many people a new idea as to the extent of the shipping business in Chicago. There was a good deal of shipping again on Monday and a big local trade and the extent of the shipping on Tuesday was a surprise to everyone.

There were immense quantities of stock to do business with but practically all the standard items were in good request and firm in price. The one exception to this was long American Beauties. In this department there was a surplus and long, fancy stock was sold in big lots at cheap prices. The principal shortage developed in carnations and for several days it was difficult for the local retailers to supply their needs, as the wholesalers were putting all carnations out on shipping orders as fast as received from the growers. Many out-of-town orders for carnations were turned down or at least cut materially. But this did not warrant an increase in price.

Here is another dollar for subscription to

THE WEEKLY FLORISTS' REVIEW

and it may interest you to know that the Primula obconica adv. placed with you about last Thanksgiving brought me **one dollar and nineteen cents for every cent invested.** How is that for returns?

A. J. BRYAN.

Washington, N. J.
May 18, 1905.

Memorial day is not a time for high prices and most of the shipping orders named a price limit. Traveling quality was not like mid-winter but it was all that could be expected at this season.

There were too few peonies. The local cut was just coming on. In fact, the buds were too tight to appeal to the average buyer. There were two or three lots in cold storage, Kennicott Bros. Co. having a very large supply of stock from Missouri which was in great demand. The quality was not up to what it has been in the last year or two, due to the early hot spell, followed by unusual cold. It made the flowers small, but the buyers were very glad to get them. The local cut of peonies promises to be on in full force in a very few days. A few Old Red were ready for Decoration day.

There were large supplies of Bridesmaid roses, but not so many Bride. Liberty was fairly plentiful and Chatenay very abundant. It was distinctly noticeable that the demand was for carnations and that roses, except Liberty, did not move freely until the buyers found that carnations were out of the question.

There were large quantities of sweet peas, valley, lilies, feverfew, spiræa, daisies, tulips and other odds and ends of stock, which cleaned up in first-class shape considering the slow sale they have had at other recent holidays. Cape jasmine was received in only limited quantities, but the few houses which handled them did not find them in great demand.

Various Notes.

Bituminous coal is selling in Chicago at the lowest price reached in ten years, said to be due to the teamsters' strike, which is affecting the coal industry all over the middle west. Tempting offers and long time credits are being made by coal men to consumers who are in a position to take in considerable quantities.

Under date of May 24, John Mangel notified the trade that J. G. Johnson is no longer connected with the business at 163 Wabash avenue and that Mr. Mangel has no connection with the business conducted under his name at Forty-seventh street and Lake avenue.

During the week the teamsters' strike has spread to the lumber industry and the Adam Schillo Co. is one of the firms affected. They are, however, making prompt deliveries in spite of the trouble. The strike is supposed to be spreading but in fact is weaker and is having less effect on business every day.

To those of the local wholesalers who have had similar experiences, it may be interesting to know that a Greek in New York went into bankruptcy the other day with fifty-four creditors with claims exceeding $5,000, but no assets. Many wholesale florists were on his list.

J. A. Budlong is handling very fine irises and other outdoor stock from the Peterson nursery. The iris is not a shipping flower but it is in good demand locally.

A local wholesaler found that he could not move long Beauties at the beginning of last week, so he put them into a cold storage warehouse for Memorial day. They came out in fine shape and sold promptly but how long they lasted in a warm room deponent saith not.

Bassett & Washburn have bought stock of Breitmeyer's antirrhinums and will have them in considerable quantity next season.

Peter Veckler, who has been very successful with a Beauty section for John Muno, is visiting his mother in Germany.

Governor Deneen says that he will appoint a practical man as superintendent of the west parks. Politicians have been favored in the past.

D. J. Murphy and his bride are here from Boston.

Kennicott Bros. Co. had a large lot of fine candidum lilies but did not find them in as brisk demand as had been expected for Decoration day.

Percy Jones has enlarged his space in the Market and has put in a good sized ice-box for his private use.

Peter Reinberg had a tremendous cut of carnations the past week, 120,000 whites alone in three days. There was a quiet little celebration at the new Reinberg home one evening last week in honor of Mr. and Mrs. Reinberg's twenty-second wedding anniversary. Leonard Kill now lives in the house Mr. Reinberg vacated.

Emil Buettner will be ready with a big cut of peonies in a day or two. All the local growers will have quality much better than the southern crop.

There was "nothing doin'" at the club meeting May 25. Everybody too busy.

Of course there were growers who came in with a big lot of stock after the market was practically over. They were loser by not getting the stuff in Monday but will come out fairly well for Wednesday saw very light receipts. Stock received Thursday will hold over to Friday, and Friday and Saturday have been very good days in recent weeks. So everybody ought to be satisfied.

NEW YORK.

The Market.

The market flows on with little change. Decoration day caused a ripple on the surface but no stirring of the depths. There is a flood of outdoor flowers. Prices are about the same in all lines as last week and the same adjectives are used by the wholesalers to express their opinions of the business. Peonies and iris are already abundant. Retail windows are brilliant. Orchids are extensively used for their decoration. Fine hydrangeas are largely used. There are plenty of lilies and gladioli increase daily in supply. Stock is all superb in quality.

Various Notes.

Fred C. Weber, Mrs. Weber, Miss Weber and Theo. Miller, of St. Louis, spent Tuesday and Wednesday of this week in New York and sail Thursday morning for Germany.

J. F. Sullivan, of Detroit, was in New York a few days last week, visiting relatives on his way from his old home in Avondale, Pa., to which he was called by the death of his father, at the age of 83 years. Mr. Sullivan spent considerable time visiting the wholesale and retail sections of this city and a few of the suburban growers. He promises the usual large delegation of Detroit enthusiasts at the Washington convention.

The big sale of greenhouse property at Ditzenberger Bros., Bay Ridge, takes place this week Thursday. Auction sales are in full blast at the regular depots. Cleary's Horticultural Hall had an immense Decoration day sale on Monday, a happy innovation that paid well.

The largest New York Florists' Club meeting in its history takes place June 12. The ladies are to be bountifully provided for. Chairman Nugent will not only care for the "inner man" but has a fine literary entertainment on the program as well. The question box is full of topics of interest. Peonies, strawberries and novelties will be on exhibition. A word as to the wisdom of coming early is suggested. There will not be room for all. It is the last meeting of the club until September and the last before the club's outing, June 28. Programs will be ready for distribution at this meeting.

One of the most artistic and beautiful floral effects produced in this vicinity for many a day was Harry Hoffmeyer's work at the funeral of Kirke LeShelle, the playwright. Apple blossoms from his favorite trees, the last flowers his eyes looked upon before the final curtain was rung down, were woven into a beautiful blanket and carpet, and were scattered everywhere in and around the home, producing one of the most pathetic and charming ensembles we have ever seen. Mr. Hoffmeyer and his force of assistants spent nearly a day on the decorations.

The number of June weddings booked by the prominent retailers is very encouraging. Some very elaborate ones are on the tapis. Commencements, school exercises, graduations, and sailings for Europe will make the next four weeks about the liveliest of the year.

A goodly number of nurserymen from New York and vicinity will attend the convention at West Baden, Ind., June 14. Fred Atkins, of Rutherford, N. J., and H. T. Jones, of Elizabeth, N. J., are among the speakers from the east. On June 20 the seedsmen meet at Alexandria Bay, Thousand Islands. New York will be well represented there, but the multitude will go to the big gathering of the S. A. F. at Washington. Nobody in New York thinks of missing that.

Scollay, of Brooklyn, has just secured an order from the city, the contract involving the sum of $30,000. It is hard to find a boiler firm in the east that is not overwhelmed with business this season. Greenhouse building goes on in all directions most encouragingly. The outlook is optimistic. This country is only in its infancy. The florist and nursery interests are only yet in the early stages of development. There is no limit to the prospective advancement of horticulture.

The summer flower show of the Horticultural Society of New York, will take place June 14 and 15 in the Bronx park museum building.

Daniel B. Long, of Buffalo, called last week.

Mr. Jones' greenhouses, at Nutley, N. J., were visited by thieves last week to the tune of $200.

The New York florists with branches at Newport are already busy at the society city. Wadley & Smythe have just issued a catalogue of Decorative Art illustrative of their fine landscape work and their expert moving of large trees that is attracting much attention.

A visit to the greenhouses of John Scott last week at Keap street, Flatbush, was a revelation. Over 50,000 young Scottii are ready for distribution, fine stock in grand condition, and there will be 50,000 more in a few weeks, so rapidly do they increase. The sale for plants in 6-inch to 8-inch pots all winter has been phenomenal. Not

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a retail store in New York has been without them.

Killarney seems to be growing in favor, if the demand for young plants is an indication. Some of our eastern rose growing experts declare the supply can never meet the increasing demand. The nurserymen have taken it in hand and are making it a specialty for outdoor planting, as it has proved itself perfectly hardy. The gardeners on private estates are very enthusiastic about it. Colen Ogston, who succeeded the late George Savage at the Kimball estate, Rochester, planted 200 Killarney last year and Mr. Siebrecht says he is so well pleased that he has sent orders for enough plants to completely fill one of his large greenhouses.

Michael Rovatzos, formerly at 44 West Twenty-ninth street, has filed a petition in bankruptcy with liabilities of $5,368 to fifty-four creditors. He has no assets. Part of the debts were contracted as a partner in the firm of Rovatzos & Moltz. Among the creditors are J. I. Raynor, $1,076; Demetrius Pronstzos, $450; Thomas Young, $363, and R. Dreyer, $315.

Bowling.

The bowlers of the New York Club have commenced practice again and from the weekly averages made from now until the first of August, the team to represent New York at the Washington tournament will be selected. Thum's alleys, Broadway and Thirty-first street, have been decided upon and all desiring to compete for the honor of team membership are requested to be on hand promptly at 8 o'clock every Friday evening. No better facilities for practice can be had in the city and the conveniences are perfect. The scores last Friday evening were:

Player.	1st	2d	3d	4th	5th	6th
Hoffmeyer	150	137	140	...	...	...
Kessler	151	133	120	139	...	...
Manda	143	146	151	125	141	...
Shaw	145	118	134	130	125	...
Guttman	130	160	154	140	184	186
Fenrich	152	171	191	167	158	201

J. AUSTIN SHAW.

PAXTON, ILL.—E. B. Morgan has begun rebuilding operations at the Paxton Greenhouses.

HARRISBURG, PA.—Harry Miller did a big Decoration day business, having stands at the Verbeke street market and an extra one for a couple of days at the Russ building.

BOSTON.

The Market.

Memorial day trade has again been very satisfactory and general opinion seems to be that it went ahead of last year. Certainly stock of all kinds sold remarkably well. While a good many flowers came in on May 29, the market on May 27 was the heaviest, a tremendous quantity of flowers appearing. Roses sold out remarkably well. American Beauties made up to $30; Liberties in a few cases $15 to $20; select Brides and Maids went up to $10 and $12, other grades from $2 to $8. Carnots and Kaiserins sold at from $4 to $10. Some fine flowers of these were seen. In carnations extra fine Harry Fenn, Prosperity and one or two other kinds made $5 to $6, other grades making from $2 to $4, whites as usual going the slowest. Fair Maid, Enchantress and Lawson went well. The first named seemed to be in especially good demand.

Easter lilies were very scarce and made $12.50 per hundred. Many more could have been sold. Very few callas were seen. Gladioli made $10 to $12 per hundred for the best, small spikes making half these prices. Candytuft and feverfew made 50 cents per bunch, spiræa $2, single stocks $1 and double $2 to $2.50 per hundred stalks. Sweet peas were rather scarce. The best made $1.50. Lilac was abundant and good, 50 cents per bunch being average price. The abundance of outdoor lily of the valley softened the price of this flower, prices ranging from $1 to $2.50 per hundred. Spanish iris made $4. The only other bulbous stock noted was small lots of Narcissus poeticus and its double form.

Lilac was in splendid condition for Memorial day. Only a few of the late tulips and narcissi remained, owing to the drought. Some German iris were available, but Spiræa Van Houttei, deutzia, Viburnum opulus and other shrubs sometimes available were hardly in season. Asparagus Sprengeri and plumosus, adiantum and hardy ferns all had a big sale.

Please stop our advertisement of carnations; all sold.

THE WEEKLY FLORISTS' REVIEW

does it every time. This time all were sold in three days after the advertisement appeared.

A. RELYEA & SON.

Poughkeepsie, N. Y.

May 18, 1905.

Various Notes.

Houghton & Clark will remove from their present quarters in the basement of the Hotel Berkeley to 396 Boylston street, where they will have commodious quarters and a splendid show window.

A fire caused by a spark from a locomotive caused considerable damage to J. Tailby & Son, of Wellesley, on May 25. All their packing cases and many flower boxes, etc., were consumed. One of the employes was burned about the face in fighting the flames.

We are pleased to report the genial E. Sutermeister as improving nicely from his recent accident. His many friends hope to see him around again very soon.

Galvin, on Tremont street, had a nice window of nymphæas in variety the past week, also some good plants of Calla Elliottiana.

The picnic arranged by the members of the two flower markets will be held on the farm of Robert Montgomery, at Natick, on June 3. As many as possible will leave Boston at 12 o'clock. A base ball game between the two markets and a general good time is being arranged for and good weather only is needed to make it a success.

E. N. Peirce & Son had 100,000 spikes of spiræa for Memorial day, which found a ready market.

Bernard A. McGinty, for ten years with Welch Bros., and for the past two years salesman for N. F. McCarthy & Co., will open a wholesale commission business on his own account on or about September 15. Mr. McGinty is widely and favorably known among both growers and retailers and we feel sure will succeed in his undertaking.

William Nicholson had a fine house of double feverfew for Memorial day. He soon disposed of 1,200 bunches on May 27. He could not begin to fill orders for marguerites.

Wilfred Wheeler, of Concord, the secretary of the Music Hall market, has been chosen chairman of the fruit committee of the Massachusetts Horticultural Society in place of the late Warren Fenno.

Prof. C. S. Sargent has invited the board of directors of the Massachusetts Horticultural Society to inspect the Arnold Arboretum and his estate at Holm Lea, Brookline, on June 3.

A florist some thirty miles from Boston, who grew a bench of that good old Calceolaria Golden Gem in a cold house found it paid him well for Memorial day. Strange that it is not more grown. As a pot plant it is of easy culture and stands finely in a dwelling house.

J. Tailby & Son have a fine batch of Nicotiana Sanderæ in bloom, also a nice lot of their new yellow calla and of the variety Elliottiana.

A number of the florists paraded in the Knights Templar procession in Boston on May 24. The wife of one of these gentlemen, a well known rose grower in Natick, thinks it was too late to keep the parade on until midnight and her husband away from home until 1:30 a. m. next day.

At a meeting of the directors of the Massachusetts Horticultural Society on May 27 it was voted to tender the use of the hall to the American Carnation Society on January 24 and 25 and to the American Rose Society to meet once more at the spring show in March. We would have liked to see the two societies unite next year, but all the same they will be warmly received.

A check for $1,000, a bequest of the late John L. Chaffin, has been paid to the Massachusetts Horticultural Society, the interest to be devoted to prizes for roses of merit.

Unless we have warm weather during the next few days it will probably be necessary to postpone for a few days the rhododendron show scheduled for June 3.

A recent drive through the Arnold Arboretum and parkways showed them to be in fine condition considering the extreme dryness of the season. In addition to the lilacs at the Arboretum the hardy azaleas are very fine, those on Hemlock Hill being especially brilliant, rivaling in this respect any of the tender Azalea Indica. These are of Japanese origin and should be seen to be appreciated. A florist who had such a display for Memorial day would be in a seventh heaven of bliss.

In both parkways and Arboretum we noted a considerable death roll in trees and shrubs. Oaks planted twenty-six years were gone, large elms were dead, also other varieties of many years' standing. The cause of these deaths seems rather inexplicable, as others of the same varieties growing side by side were in perfect health.

Lord & Burnham are engaged at present on following among other contracts: H. F. Littlefield, Worcester, one rose and one carnation house; Schlatter & Son, Springfield, carnation house; Rhode Island Hospital, Providence, greenhouse and workroom; P. M. Olin, Bath, Me., two rose houses.

Dr. H. P. Wolcott has been elected a director of the Massachusetts Horticultural Society in place of the late Warren Fenno.

W. N. Craig.

Novel and Up-To-Date **BASKETS**
for Commencements and Weddings
Of Novel and Standard Designs

We have them for graduates,
We have them for aids,
We have them for Brides,
And also for Maids.

We have them for Beauties,
We have them for Teas,
We have them for Valley
And quaint styles for Sweet Peas.

We have them all ready
In our warehouse today,
Awaiting your order
To ship them away.

H. Bayersdorfer & Co.
The Florists' Supply House of America
50-52-54-56 North 4th St., PHILADELPHIA

Mention The Review when you write.

PHILADELPHIA.

The Market.

Decoration day for shops in the heart of this city is quite a tame affair. It is livelier, much livelier, for the places near the cemeteries, while in many nearby towns, notably in central Pennsylvania, the volume of business is enormous, larger than at any other time during the entire year. This demand from out of town was largely for peonies and carnations, though other flowers were used and some greens. To meet it the wholesalers had an exceptionally good supply of peonies and a supply of carnations that left much to be desired, both as to quality and quantity, really good stock often being hard to obtain at any price.

A hurried look over the market leads to the belief that Edward Swayne, of Wawaset, has fairly won the highest peony honors, his shipments of Festiva maxima seen at Samuel S. Pennock's being exceptionally fine. The best brought $2 a dozen. Good ordinary stock brought from $5 to $8 per hundred. Carnations and lilies about doubled in price. Roses, sweet peas and other flowers merely stiffened a little. There were a good many snowballs used locally. I am inclined to think that the volume of business will be found to have exceeded that of past years. The outlook for next week is very bright.

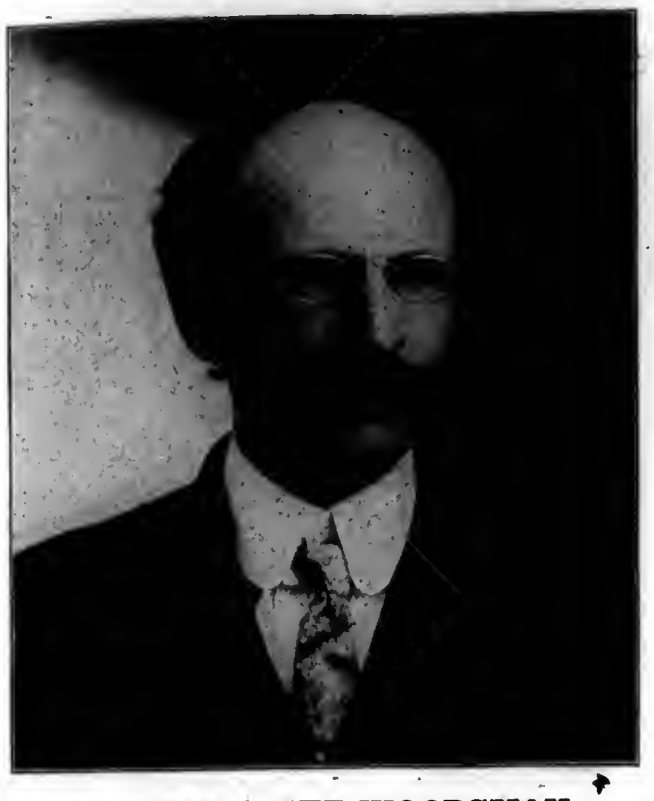
A Half Hour With the Commodore.

"Are you lost?" was the Commodore's greeting, as his visitor appeared in the doorway of one of his houses. Every florist in the country who has ever been to an S. A. F. convention will want to know just what the genial John Westcott was doing and how his place looked. Now, for the first question. The Commodore was not fishing, nor was he mixing punch. The idea that proficiency in these two fine arts is the result of unremitting effort is erroneous. Fishermen and punch mixers are born, not made. The Commodore was selling geraniums. This may seem to you a very ordinary and commonplace occupation, but if you could have been with me you would not think so. The Commodore had such a pleasant smile and such a happy way of saying bright little things that the lovely ladies were loath to leave and bought, I fancied, more geraniums than they had intended—and such geraniums! Not the everyday stock that when sold at market price scarcely leaves two pennies to rub together, but fine plants with big trusses of bloom that command fifty per cent over the usual price.

You will want to know the trick. John Westcott said he had used a little fire heat on the damp nights in mid-May. Wm. H. Westcott said the varieties were choice. They were Alphonse Ricard, Beaute Poitevine and Jean Viaud. Phil was surprised at sight of a registering thermometer in the house. It was explained, however, that this was a relic of the Easter lilies and not required by Alphonse or Jean.

Now for the place. There were more of those fine geraniums, some ordinaries and the usual assortment of bedding stock in condition better than is usually seen at this busy time. The frames were full of Decoration day plants, hardy roses, spiræas just coming into bloom, and other things, including a prettily leaved Alternanthera brilliantissima—George Huster's pet—and aurea nana, with broad foliage.

A north side house was filled with baskets filled, ready to take to the silent city across the way. A stone wall forming the south side of this house was covered with hardy ivy. A very remunerative crop is annually harvested. There are a lot of decorative plants, some hydrangeas in bloom and a house of camellias for which the place is noted. These camellias, about thirty in number, are planted out in a solid bed down the center of a high house. They are immense plants, trees would be a more accurate term, reaching to the roof and affording plenty of space beneath their spreading branches for growing shade-



CALDWELL THE WOODSMAN,
The man who gave you the Wild smilax.

SOMETHING NEW

Now that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the Florists of the Pacific Coast, Washington and Oregon in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June. I am anxious to get the verdict of the Floral trade on this introduction and offer to send you a Case on Suspicion, price $2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



THE VERDICT OF THE TRADE

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.
FRED C. WEBER, St. Louis, Mo.

We are in receipt of your shipment of one case Huckleberry Branches and are pleased with it. Send by express 5 cases at once.
WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

Two cases of your decorating green reached us in good condition and we used them very effectively in a church decoration which gave entire satisfaction to our customer. THE GASSER CO., Cleveland, O.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.
LEO NIESSEN CO., Philadelphia, Pa.

CALDWELL THE WOODSMAN, Evergreen, Alabama. Cash with order, please.

New Crop Hardy Ferns Now Ready FANCIES, $1.50 per 1000. DAGGERS, 1.25 per 1000.

loving plants. H. H. Battles engaged all the flowers of these once fashionable plants last season. Stephanotis floribunda was in bloom. Very sweet and graceful it looked, with its festoon of its fragrant, pure white buds and blossoms. The beds and velvet greensward in front, as well as the planting about the Commodore's attractive home nearby are in excellent condition. The whole place bespeaks of men who devote thought and energy to their chosen calling.

Various Notes.

H. Bayersdorfer arrived in Europe safely.

Charles E. Fliegel, manager for Mrs. Alburger, has just completed a very strenuous season at Laurel Hill. A great number of prettily filled baskets have been put in place and many beds filled, while two men and a big wagon spent over a week filling the vases that were too heavy to move from the cemetery.

T. James McCarty, of J. M. Connelly & Co., of Charleston, S. C., was in this city recently.

M. Rice & Co. report their May business was largely in excess of last year. They are very busy getting ready to move to their new building at 1220 Race street next week.

Fred J. Michell returned on Monday from a successful business trip. He went to Washington, D. C., and Alexandria, Va.

Paul Berkowitz, of H. Bayersdorfer & Co., reports an increased demand for Memorial day supplies. Mr. Berkowitz says that the demand for metallic designs was particularly heavy, exhausting the surplus in readiness for this holiday and taxing the productive facilities of their factory. The steamers Oxonia and Astoria have just brought in fresh consignments of baskets, which are being rapidly supplied to customers. Four express wagons were loading at their warehouse at one time.

It is with deep regret that I record the sad death of Mrs. Emily Gaul Meehan, wife of Joseph Meehan and mother of Charles E. Meehan, which occurred last Saturday morning. The funeral took place on Wednesday from her residence, 69 Pleasant street, Germantown. PHIL.

ST. LOUIS.

The Market.

The past week started off with considerable more activity than was expected and the wholesalers report better demand. The cool weather has shortened up cut flower production. The supply of high grade stock is falling somewhat. The cool nights of late have mildewed some of the rose stock very badly and especially the Bride. There seems to be plenty of fancy long Beauties, also Bridesmaid, Kaiserin, Gate and Carnot. Jacqueminots are expected in this week and should sell well. Carnations have shortened up considerably and are not being slaughtered as they have been. Fancy stock is again being held at a fair price.

Peonies are becoming scarce and so are Harrisii and callas. Sweet peas are becoming more plentiful each day. A few gladiolus spikes are coming in but not many as yet. Some good valley is being shipped to this market. Thousands of cape jasmine are being shipped from Texas, the Third street commission men handling the bulk of them at $5 per thousand. Smilax, adiantum, Sprengeri and common and fancy ferns are plentiful.

Various Notes.

Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, was with us the past week.

Charles Kuehn, Henry Johann and Fred Ammann visited Max Herzog's place together the past week. The two latter were here buying building supplies.

The many friends of John Steidle will be glad to learn that he has recovered from his recent illness and is making preparations to entertain the club members at his place next Thursday afternoon.

Fred Weber, Mrs. Weber, Miss Adele Weber and Theo. Miller left Sunday night for New York. They sail June 1 for Germany.

Mrs. Wm. Geisel, widow of the late Wm. Geisel, who back in 1869 was one

of the leading florists of Louisville, Ky., is visiting her daughter here. Your correspondent was employed by Mr. Geisel in the year above mentioned.

George Wagner closed his store on Maryland avenue the past week. The store goes back to its original lessee, E. H. Michel, of the Michel Plant and Bulb Co.

Charles Schoenele will soon leave bachelor's quarters and join the benedicts. Then "Rose" will have another thorn. Charlie is at present with Mrs. M. M. Ayers on Grand avenue.

Frank Fillmore, state vice-president of the S. A. F., will be on hand at the next meeting of the club with blank applications for those wishing to join the society before the August meeting.

Fred Meinhardt, whose place is adjacent to the cities of the dead and who does the bulk of the work there, has had all he could possibly do this spring and there are scarcely any bedding plants left for sale.

On Friday night a banquet was tendered Messrs. Weber and Miller by a few friends at the Missouri Athletic Club. A large floral ship adorned the head table, fifteen attending.

The next Florists' Club meeting will take place next Thursday afternoon at John Steidle's place, in Central, Mo. The members are requested to meet at the corner of Delmar and De Baliviere avenues in time to take the one o'clock Creve Corner car and go in a body. Brother Steidle expects every member to come and bring the ladies. Five applications will be voted upon, also other very important business will come before this meeting.

Bowling.

Four dyed-in-the-wool bowling fans rolled three games on Monday night during the big rainstorm. The score:

Player.	1st	2d	3d	T'l
Beneke	149	186	116	451
Gerlach	131	122	131	384
Totals	280	308	244	832
Player.	1st	2d	3d	T'l
Kuehn	164	155	142	461
Meinhardt	109	105	133	347
Totals	273	260	275	808

J. J. B.

HOT WATER HEAT.

I am building a house 24x80 feet for mixed stock, to be heated by hot water in 1½-inch pipes. How many runs of pipe do I need to carry a night temperature of 50 degrees when it is 20 degrees below zero outside? How should the pipes be distributed, all under the outside benches or part under the middle benches? The sides of the house are five feet high, with three feet of boards and tar paper and two feet of glass. The ridge is twelve feet high and both gables are glass. How large a boiler do I need? J. H. B.

With both ends of the house filled with glass, and exposed on all sides it will be necessary to put in twenty lines of 1½-inch pipe in order to maintain the temperature you mention. It will be desirable to place twelve or fourteen of the lines of pipe under the side benches and the balance under the middle bench. If a 2-inch overhead-flow pipe be used, eighteen returns will be sufficient. Valve some of the pipes, for you don't have 20 degrees below every night in winter. A boiler of about five or six rated horsepower, or one having about seventy-five square feet of heating surface, will be required. However, a larger boiler than that actually required is always preferable. L. C. C.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.
Plant advertisements NOT admitted under this head.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

WANTED—A first-class grower of general stock for position of working foreman, with a Chicago retail establishment of 10,000 sq. ft. of glass, where pot plants aregrown almost exclusively; must be able to produce choice stock and assist in store when necessary; an American with ability along mechanical lines preferred, as some rebuilding is anticipated; good place and steady position to right party. Address, giving references as to character and ability, No. **37**, care Florists' Review, Chicago.

WANTED—A first-class rose and carnation grower. Apply, stating wages and references, A. J. Smith, Central Michigan Nursery Co., Kalamazoo, Mich.

SITUATION WANTED—A rose grower, who can grow the best of American Beauties and tea roses if given good soil and houses, wants a position as foreman or grower, at a place where good stuff is wanted; well up on carnations and other things. Address No. **38**, care Florists' Review, Chicago.

SITUATION WANTED—By a German florist and gardener; 28 years' experience in all branches; private place preferred; first-class references; state full particulars in first letter. Address No. **39**, care Florists' Review, Chicago.

WANTED—Single man with practical experience in bedding and blooming plants; give reference, age and wages without board in first letter. Fuhlbruegge Bros., Winona, Minn.

FOR SALE—5500 feet of glass, half-way between Columbus and Cincinnati, Ohio; good local and shipping trade in growing town. Address No. **40**, care Florists' Review, Chicago.

FOR SALE—4-inch cast-iron greenhouse pipes, in good condition, 6 cents per ft. Inquire of Emil Buettner, Park Ridge, Ill.

WANTED—Greenhouses to be torn down; state condition; how long built, etc. Address No. **29** care Florists' Review, Chicago.

FOR SALE—A fine retail business, between 4,000 and 5,000 feet of glass; all new; no competition; two acres of ground, dwelling house and all necessary stock on the place. Mrs. Jas. Lister, Newton, Iowa.

FOR SALE—No. 6 Rider engine with deep well pump, kerosene oil burner; used about 1½ years; in good condition; cost $300; will sell for cash on board car here for $75; reason for selling, city water connection. M. Mandl, 165-167 South Franklin street, St. Paul, Minn.

FOR SALE—(For a song almost), greenhouse, 7,000 feet glass; centrally located in Toledo; doing a good retail business; $1,000 buys it if taken by June 1st, without stock; owner has other business and cannot attend to both; purchase price can easily be made in one year. Address No. **15**, care Florists' Review, Chicago.

FOR SALE—Having decided to retire from the greenhouse business on account of my time being taken up with other lines, I am going to sell entire plant consisting of 8,500 feet of glass, 2½ acres ground, built new and up to date; steam heat; Morehead trap; city water; also steam pump; 50 miles from Chicago. For particulars address The E. F. Winterson Co., 45 Wabash Ave., Chicago.

WANTED—A good section man for carnations and roses. Apply to Emil Buettner, Park Ridge, Ill.

FOR SALE—5,000 sq. ft. of glass, 5 greenhouses in a natural gas city of 15,000; large grounds, 7-room house, barn, etc.; this is a bargain. Address A. L. Harmon, Iola, Kan.

WANTED—A first-class grower of cyclamen, poinsettias, etc. Address J. B. Braidwood, Colorado Springs, Colo.

FOR SALE—Two greenhouses 20x60; one acre of ground; good location; good trade. W. N. Tharp, Liberty, Ind.

SITUATION WANTED—To take full charge of a commercial place in Kentucky, Tennessee, Georgia or Virginia after June 5; married; 12 years' experience in all branches; references in first letter. Address No. **30**, care Florists' Review, Chicago.

WANTED—Second-hand building material, pipe, glass, etc; give description and price. Alfred Runnion, Sheldon, Ill.

WANTED—A competent florist capable of taking charge of retail place of 7000 feet of glass; wages $50.00. F. B. Tinker, Peru, Ind.

WANTED—Second-hand Scott's Manual; carriage prepaid; state price and condition. Address No. **35**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman; Beauties, teas and carnations a specialty; good propagator, hybridizer and plantsman; can handle help to best of advantage; references: Jos. Heacock, Wyncote, Montgomery Co., Pa.; Albert Woltemate, 5230-32 Germantown Ave., Philadelphia. Apply Matthew G. Kinnaird, 227 Woodbine Avenue, Narberth, Pa.

WANTED—At once, a sober, energetic foreman to grow roses, carnations, Easter lilies, chrysanthemums and spring bedding plants; must be up-to-date. Address No. **36**, care Florists' Review, Chicago.

WANTED—Florist to grow mostly carnations, chrysanthemums and some miscellaneous stock; must be strictly sober and reliable; one handy at floral work preferred. Send application and references to W. W. Stertzing, 7280 Old Manchester Road, St. Louis, Mo.

WANTED.

By the 10th of June, A1 grower of roses and carnations; permanent place and good wages to reliable man. Address No. **33**, care Florists' Review, Chicago.

FOR SALE Four Violet Houses, capacity 25,000; Violet Cuttings already set out; at present stocked with tomato plants; living house, four rooms; 2 acres land; near depot. For particulars address
W. B. GOODENOW, STOUGHTON, MASS.

Situation Wanted

As working foreman after June 10, where cut flowers are a specialty; in a southern state; age 26; married; references as to ability and character with full particulars in first letter. P. O. 555, Danville, Ky.

Mention The Review when you write.

Wanted at Once

A German or English gardener; greenhouse and vegetable garden; permanent position for the right man; good wages; one who understands growing roses and mums preferred; one of the best places in the south. Send address and reference quickly to

W. F. ALDRICH, Aldrich, Alabama.

Mention The Review when you write

FOR SALE.

Entire florists' business, store and three small greenhouses in the city of Philadelphia, will be sold cheap. Apply to

HENRY F. MICHELL CO.
1018 Market Street, PHILADELPHIA.

Mention The Review when you write.

CHOICE LOCATIONS

FOR HOTHOUSES FOR SALE.
Cash or On Easy Payments.

North Clark St., 85 x 330

Near Bryn Mawr Av. Decided bargain. $60 per foot. These are deepest lots on Clark St. Will divide. High-class neighborhood; fine opportunity for competent hustler.

DO YOU WANT A BARGAIN?
"NORTHWEST ACRE LOTS," 225x125,

Near Intersection Irving Park Boulevard and Milwaukee Ave., within four blocks of two street car lines, fine sandy ridge.

Prices $1000 and upwards

Part on long time payment at 5 per cent. Send for plat with prices and full description.

KOESTER & ZANDER
69 Dearborn St., Cor. Randolph, CHICAGO

Mention The Review when you write.



Field of Australian Brown Onion at Waldo Rohnert's, Gilroy, Cal.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held at Alexandria Bay, N. Y., from June 20 to 22, 1905.

IT is reported that Luther Burbank has a new yellow calla lily.

REPORTS from the pea growing sections are favorable; everything seems to be about as it should be.

THE report from California is of the usual small proportion of large sizes of calla bulbs and a good crop of the smaller sizes.

THE Prior Seed Co., Minneapolis, will shortly remove to a new double store on Seventh street, the building being now in course of erection.

CHARLES HENDERSON, of New York, is in Europe, accompanied by Mrs. Henderson. They have visited the principal firms in England and Ireland.

A HOLLAND house is offering a new single early tulip called Rose la Reine, like the ordinary La Reine except that the color at opening is a bright rose and is retained until the petals fall. It is said to force easily and come in at least ten days earlier than La Reine.

THE onion set fields in the vicinity of Chicago that went back on account of the heavy rains have adjusted themselves. In the adjusting process many bare spots have appeared and the crop in a general way is not at all what it would have been had there been no drawbacks. It is thought by the most experienced growers that at least one-third of the crop is spoiled.

THE British Nursery and Seed Trade Association advertises its objects to be: "To collect and disseminate information beneficial to members, collection of debts; investigation of bankruptcies and assignments, attending creditors' meetings, making trade inquiries and supplying status reports; members afford to each other through the secretary mutual private information as to the financial position and extent of credit which may be given."

WATSONIA ARDERNEI is being pushed by English bulb dealers.

A. G. TRUMBULL, formerly of the Trumbull Seed Co., and later president of the Missouri Seed Co., has associated himself with J. G. Peppard, at Kansas City.

FROM reports it seems that the acreage of peas planted is about equal to last year, and the quantity of beans that will go into the ground for seed crops will not be as large as last season's planting.

CUCUMBER for seed in the Michigan section is being planted. The ground is cold and the weather rather damp for the purpose, but better things are expected from now on and a good stand is hoped for.

AT Chicago the market gardeners are calling for beans in good sized lots. Late cabbage seed is not selling as well as it did last year. Retail counter trade is on the wane and the jobbers are busy with turnip seed.

SEEDSMEN have the past season had a strong demand for nitrogen fixing bacteria as recommended for trial by the Department of Agriculture and supplied commercially by an eastern firm. Next season the call will be many times greater but there will be other sources of supply.

LATE reports from the sections where the onion for commercial purposes is grown are to the effect that the crop has been very much cut down by the adverse weather conditions of the past three weeks, and that the acreage now standing is not likely to produce more than a fair average crop. It was feared that owing to the unusually large quantity of seed sown this spring that a swamping crop would be the result. The evening up process caused by the bad weather will likely prove a benefit to the growers in the end.

MAILING WITHOUT STAMPS.

The postoffice department is at work on a new set of regulations governing the mailing of catalogues, etc., without stamps affixed. As the official who drew up the regulations in force since the law went into effect, admits: "Hindsight is better than foresight and the present plan has been proved unnecessarily cumbersome and will soon be superseded by a department order doing away with much of the detail and simplifying the method so that it is hoped to make the privilege a valuable assistance to both the public and the department." As a matter of fact it is believed that the department found that the amount of red tape with which it had been thought necessary to surround the privilege had rendered the law practically inoperative.

SEED GROWING IN COLORADO.

Frank T. Emerson, manager of the Western Seed and Irrigation Co., Fremont, Neb., writes as follows under date of May 29:

"In relation to the state of Colorado being a desirable locality for the production of vine seeds, I beg to state that we have been having vine seeds grown in the above state for the past five or six years, beginning in a small way as an experiment, and increasing our acreage at several different growing stations. Our production one year of one variety of musk melon alone, viz., the Rocky Ford cantaloupe, exceeded 45,000 pounds, from which our customers have always obtained results that could not be more satisfactory.

"We have had a large acreage of cucumber, melons, pumpkin and squash at several different growing stations in Colorado during the time mentioned, and can furthermore state that we have been well pleased with the results obtained, wherein, as Mr. Burrell states in his communication of last week, the conditions were favorable both in relation to the quality and condition of land and as to the available supply of water for irrigation purposes.

"Our object in having vine seeds grown in Colorado was for the purpose of placing crops in localities where they would not all be subjected to the same possible adverse conditions, so as to successfully depend upon our getting crops from these points in the event of possible failures and short crops at our several growing stations in the state of Nebraska.

"If, in conducting this business in Colorado, intelligent and responsible farmers only are engaged, who have the proper kind of soil and proper irrigation facilities, and if they are treated in an upright, business-like manner, we cannot imagine any cause for any such statement as that referring to Colorado as being an unsafe locality in which to

grow vine seeds. This, of course, is based upon the supposition that reference is made to Rocky Ford and vicinity.''

SOUTHERN CORN FOR SEED.

A bulletin of the U. S. Department of Agriculture, prepared in the Office of Experiment Stations, says that there is a popular belief that sweet corn for seed cannot be grown year after year in the south without deterioration in quality. On the other hand it is stated that ''the Stabler family in Maryland has originated and grown three distinct varieties of sweet corn, all of which are recognized as of the highest quality. No seed from the north has been used on the Stabler farm for the past twenty-six years. S. N. Hyde, of Baltimore, states that since 1878 he has been growing his own sweet corn seed for his canning business and for twenty-five years put up a pack from Maryland-grown seed of Egyptian sweet corn that brought the highest price of any canned corn on the American market. In Harford county Charles W. Baker in 1904 grew a crop of 500 acres of sweet corn for canning purposes. The variety grown was a strain of Evergreen obtained originally from Connecticut. Mr. Baker grows his own seed and has not changed seed for twenty-five years. In the vicinity of Aberdeen, Md., nearly 7,000 acres of sweet corn was grown in 1904, nearly all from Maryland seed.''

OUTDOOR VALLEY.

I am interested in the subject of outdoor lily of the valley as discussed in recent issues of the Review and shall try a bed for my own use here in Missouri. Is there any difference in the pips for outdoor planting and the ones for forcing? What kind should I order and when should they be planted? When could I begin to pick the flowers? S. S. B.

Beds of valley are common the country over but they are usually so crowded that the spikes are poor, wiry things and the bells very small. I am not able to say whether there is any difference between those found growing in our old gardens and the imported roots but I should prefer to start with the latter. The strongest and best pips need not be bought for the purpose but the stronger you start with the sooner you will get a profitable crop. If labor will admit of it, I am convinced that roots can be grown here that will produce as fine flowers as any that can be imported. November is a good time to make a bed and it should be not more than four or five feet wide, so that it is handy to cover with some sash, either shaded glass or cheese-cloth, and also keep clear of weeds. In flowering time it must be protected from rains. A bed once established would be good for ten years and then only needs digging up, dividing and replanting with sufficient space to be no more expense for another ten years. Buy your pips from any reliable dealer.

W. S.

MIGNONETTE.

We want to grow a house of mignonette this winter and would like to have you tell us what kind would be the best for the New York market, and when to sow the seed. Would it be better to pinch it back so as to make it branch? We have a house three feet high on the eaves. Will that be head-room enough?

A. R.

Yes, your house will be high enough if it is three feet from the bed or bench to the glass but it should not be much less. The best time to sow would be July 15 to 20. Mignonette is very difficult to transplant and therefore the surest way is to sow three or four seeds in a spot and let the spots be one foot apart. When the seedlings are an inch or two high thin out to one strong plant. A foot apart is close enough. When the plant is three or four inches high pinch out the leader to make it branch. Your house must be light and well ventilated. If it is on a side bench you intend to grow mignonette, then there should be side glass. Five inches of soil will grow it all winter but a solid bed keeps it in better color and the foliage greener. Mignonette sports and varies a good deal and most growers select their own plants each year for their seed. To begin with, we think the Machet will be found to be as good as any.

W. S.

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I have a greenhouse 18x25 feet running east from the potting shed. There are benches all around, except for a door in each end, and a bench in the center. The house is tight, eleven feet to the ridge and to be heated by hot water. I want 45 degrees at night in coldest Massachusetts weather. How shall I pipe? Could I partition off the short bench in the northwest corner, using glass, to get a place to carry a little more heat and moisture? C. C. H.

The best plan of heating a house of the dimensions you mention, 18x25 feet and eleven feet high, would be to run one 2½-inch overhead flow pipe and distribute to twelve 1¼-inch returns under the benches. No valves will be needed as you will have but the one house and the temperature can be regulated by the amount of fire. It is entirely feasible to partition off the part of the bench as you have indicated, and the additional moisture within the enclosure may be secured by placing pans of water on top of the pipes beneath the bench. You will, however, need a separate ventilator for this section.

L. C. C.

CHEMICAL MANURES.

The Arnott Chemical Co., of Toronto, sends out a little booklet dealing with chemical manures and containing much interesting matter, including a table showing the number of pounds of plant food in 100 pounds of the commonly used manures. They make a chemical manure of which they say:

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L. D. Phone Central 3598 Automatic 3623
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AMERICAN ROSE SOCIETY.

A meeting of the executive committee of the American Rose Society will be held at Hartford, Conn., on Monday, June 19. The rose garden in Elizabeth park will be in full glory at that date and a visit of inspection under the guidance of Superintendent Wirth and the members of the Hartford Florists' Club will form a part of the program. Important business concerning the welfare of the society will also have attention. Communications for the committee should be addressed to the secretary's office, 11 Hamilton place, Boston.

Wm. J. Stewart, Sec'y.

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SOCIETY OF AMERICAN FLORISTS.

The Southeastern Passenger Association, which controls the territory south of the Ohio and Potomac and east of the Mississippi river, has authorized a rate of one and one-third fare on the certificate plan, in co-operation with rate announced by the Trunk Line Association, for persons attending the S. A. F. convention at Washington, D. C., August 15 to 18, 1905.

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The Review will send the Pronouncing Dictionary on receipt of 25c.

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Liberty, Select	6 00 to	10.00
" Ordinary	2 00 to	5 00
Golden Gate	2 00 to	8 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		4.00
" Select		3 00
" Ordinary		2.00
Cattleyas		50.00
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" Fancy, $1.50 to $2.00 per doz.		
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DETROIT, MICH.—George A. Rackham is just able to be out after an illness of five weeks with the grip.

DANVILLE, ILL.—R. L. Burgoyne met with an accident at Covington recently, upsetting a wagon loaded with plants and injuring one leg.

CHESTER, S. C.—Mrs. Jos. A. Walker started in the florists' business last spring and has far exceeded her expectations of success. The glass has been doubled within the year.

KEWANEE, ILL.—Hamilton & Plummer, who lost 6,000 lights of glass in a recent hail storm, report the receipt of the Hail Association's check one week after proof of loss was submitted.

FORT WORTH, TEX.—In a recent storm a limb of a tree was broken off and blown into the greenhouse of Wm. L. McCart, breaking glass and damaging the structure to the extent of $300.

CLEBURNE, TEX.—On May 21, the heaviest hail ever known here broke 2,000 square feet of glass in the greenhouses of J. S. Boyd, besides cutting up a large quantity of stock. The place of T. S. Sanders was less hard hit but lost some glass.

EDWARD REID,
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Smilax.....	12 50 to 15 00
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Sprengeri	2 00 to 4 00
Asparagus, per string, 30c to 50c	
Common Ferns ..per 1000, $3 00	30

Subject to change without notice. Packing and Delivery at cost.

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WN STOCK. ALL COLORS.

6.00 PER 100.

EGRAPH; WE DO THE REST.

T BROS. CO.

Dealers in Florists' Supplies.

Long Distance Telephone
Central 466.

CHICAGO.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
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Wholesale Florists.

55-57 W. 26th St. NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

GALAX **BRILLIANT Bronze or Green.** selected stock, $1.00 per 1000; $3.75 per 5000.
LEUCOTHOE SPRAYS—Green or Bronze, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS—Fresh stock, per bbl. sack, $2.50.
SPHAGNUM MOSS—Large bale, $1.75; by freight, $2.00 per bale.
All Kinds of Florists' Supplies.
L. J. KRESHOVER, 112 W. 27th Street,
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Mention The Review when you write.

JAMES McMANUS, Telephone, Madison Square. **50 W. 30th St., NEW YORK**
Beauties, Meteors, Brides and Bridesmaids are the leaders
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.

WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK

'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.

Special arrangements this season for the extensive handling of American Beauties

Mention The Review when you write

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations.**
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BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEXCELLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 830 Madison Sq.
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ESTABLISHED 1872.
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WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK
Tel. No. 956 Madison Square.
WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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THE ONLY HOUSE
handling the New **Red Carnation "VICTORY"**
to be disseminated 1906. Also a complete line of choicest flowers.
ALEX. J. GUTTMAN
WHOLESALE FLORIST
Phones 1664-65 Madison Sq.
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CUT FLOWER EXCHANGE,
Coogan Building, 55-57 West 26th St. NEW YORK CITY
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, May 29.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	6.00 to 10.00
"	No. 1	4.00 to 6.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		2.00 to 10.00
Mme. Chatenay		1.00 to 5.00
Killarney		1.00 to 6.00
Meteor		1.00 to 2.00
Orchids, Cattleyas		25.00 to 50.00
Carnations, Common		.25 to .50
" Selects		.50 to .75
" Fancies		1.00 to 1.25
" Novelties		2.00 to 3.00
Adiantum Cunestum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		5.00 to 10.00
Lilies		2.00 to 5.00
Lily of the Valley		.25 to 2.00
Smilax		8.00 to 10.00
Callas		3.00 to 5.00
Daisies		.25 to .50
Pansies	doz. bunches 15c to 30c	
Mignonette		.50 to 2.00
Sweet Peas	doz. bunches 25c to 30c	
Lilac	bunch 15c to 25c	
Irises		1.00 to 2.00
Gladioli		3.00 to 5.00
Peonies		3.00 to 6.00

THE orders show the facts: that the REVIEW is all right as an advertising medium.—B. H. HAVERLAND, Pleasant Run, O.

FORD BROS.
48 W. 28th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.

WILLIAM H. KUEBLER
Wholesale Commission dealer in Cut Flowers, 19 Boerum Place, Tel. 4591 Main, **Brooklyn, N. Y.**

A. L. YOUNG & CO.,
WHOLESALE FLORISTS,
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. **54 W. 28th St., New York.**

WILLIAM H. GUNTHER
30 West 29th Street,
Phone 551 Madison Square, **NEW YORK.**
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS—Important—Special advantages for you this season. Write or see us.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY
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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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Opposite N. Y. Cut Flower Co. Everything in Cut Flowers. **Consignments from Growers Solicited.** Prompt returns. Best prices.
Satisfaction Guaranteed.

H. R. CRAWBUCK E. W. WILES
CRAWBUCK & WILES
Wholesale Dealers in
WILD SMILAX, GALAX, PALM LEAVES, LEUCOTHOE SPRAYS, FANCY AND DAGGER FERNS
Perfect shipping facilities for out-of-town orders.
370 PEARL ST., BROOKLYN, N.Y.

CAPE JESSAMINES.
Fine Grandiflora buds, 75c per 100; $6.00 per 1000. Lots of 10,000, $50.00. They are packed to ship to Canada or anywhere in the United States and guaranteed to arrive in good condition.
Season now open; closes about June 15.
Your orders solicited.
ASA WRIGHT, ALVIN, TEXAS.
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Telephone No. 3393 Madison Sq.
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Roses, Carnations, Violets, and Every Variety of Cut Flowers.
JOSEPH S. FENRICH

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Wholesale Commission Florist, 106 W. 28th St., NEW YORK CITY
Open Every Day at 6 a. m. Telephone 167 Madison Square.
AMERICAN BEAUTIES, ORCHIDS, ROSES, CARNATIONS, VIOLETS and every variety of Cut Flowers.

THE HINODE FLORIST CO., WHITESTONE, N. Y.
Telephone No. 442, Whitestone. Also WOODSIDE, LONG ISLAND.
Importers and Growers of HIGH-GRADE JAPAN LONGIFLORUM LILIES
A large range of new greenhouses has been erected at Whitestone for Lily Forcing
QUAINT and CURIOUS JAPANESE PLANTS on hand for SHIPMENT ALL THE YEAR ROUND
Prices—15c, 20c, 25c, 50c, up to $5.00
MINIATURE JAPANESE GARDENS AND NOVELTIES UP TO 200 YEARS OLD. VISITORS ALWAYS WELCOME
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N. LECAKES & CO.
53 W. 28th St., NEW YORK
Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.
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The Kervan Company,
WHOLESALE DEALERS.
All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.
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Telephone 1519 Madison Square.
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JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
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When Writing Advertisers.


NEW CROP FERNS Now Ready $1.50 Per 1000
GALAX, Brilliant bronze or green, 75c per 1000.
Use our laurel festooning for your June Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application, we make it daily, gathered fresh from the woods. Hand made, full sizes 4c, 5c and 6c per yard. Once used, always used. Branch Laurel, 85c per large bundle. Princess Pine by the pound or made into festooning when desired.
CROWL FERN CO., - - - MILLINGTON, MASS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, May 29.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	10.00 to 15.00
" Short Stems	2.00 to 6.00
Brides, Specials	6.00 to 10.00
" Seconds	2.00 to 4.00
Bridesmaids, Specials	6.00 to 10.00
" Seconds	2.00 to 4.00
Carnots, Kaiserins	8.00 to 10.00
Liberty	4.00 to 18.00
Chatenay	2.00 to 8.00
Carnations, Special	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Lily of the Valley	1.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Callas	6.00 to 10.00
Lilium Harrisii	10.00 to 12.50
Sweet Peas	1.00 to 1.50
Pansies	.30 to .50
Spanish Iris	3.00 to 4.00
Narcissus Poeticus	1.00
Gladioli, colored	6.00 to 12.50
Gladioli The Bride	3.00 to 4.00

Buffalo, May 31.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate	2.00 to 6.00
Kaiserin	4.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	3.00 to 5.00
President Carnot	4.00 to 8.00
Perle	3.00 to 5.00
Sunrise	3.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lilium Harrisii	8.00 to 12.00
Lily of the Valley	.50 to 4.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .75
Pond Lilies	4.00 to 5.00

CULTURE of Grafted Roses sent on receipt of 25c.—FLORIST'S REVIEW.

George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of

Ever-greens

FANCY and DAGGER FERNS.
GALAX—Brown and Green.
45 West 29th St., NEW YORK CITY.
LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
Telephone 4009 R Madison Square.
Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK.
TRAENDLY & SCHENCK,
Wholesale Florists
AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square.
CONSIGNMENTS SOLICITED
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1871 James Hart 1904
(The Original Pioneer House)
Commission Dealer in CUT FLOWERS
117 West 30th St., near Sixth Ave..
Telephone 626 Madison Square. NEW YORK
EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

MARGUERITES
Fine 5-inch.
J. B. Braidwood, Successor to William Clark
COLORADO SPRINGS, COLO.
Send for Price List.

Vaughan & Sperry

WHOLESALE FLORISTS

38-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write

Wholesale Cut Flower Prices.

Chicago, May 31.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	$0.50 to	.75
		Per 100
Bridesmaids, Specials		6.00
" Firsts	3.00 to	5.00
Brides, Specials		6.00
" Firsts	3.00 to	5.00
Liberty, Specials	6.00 to	10.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts		6.00
" " Seconds	3.00 to	5.00
Meteor, Firsts		6.00
" Seconds	3.00 to	5.00
Perles, Firsts		6.00
" Seconds	3.00 to	5.00
Chatenay	3.00 to	6.00
Cattleyas	40.00 to	60.00
Carnations, Select	1.50 to	2.00
" Fancy		3.00
Peonies .....50c to 75c per dozen		
Callas	8.00 to	10.00
Harrisii	8.00 to	10.00
Tulips	3.00 to	5.00
Sweet Peas	.50 to	1.00
Daisies	.75 to	1.50
Mignonette	4.00 to	8.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1,000, $3.00		.30
Adiantum Cuneatum	.75 to	1.00
Smilax .....per doz., $1.50 to $2.00		

THE REVIEW is a "bang-up" good paper.—JOS. W. FIELD, JR., Northfield, Mass.

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

WHEN I am in need of anything I always look for it in the REVIEW.—J. W. ALEXANDER, Charleston, W. Va.

WILL you please cut out my advertisement of cannas? You are too much for me; I can't keep up with the orders if I keep you going.—JAMES FROST, Greenville, O.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given

D. Wood Brant

Successor to Brant & Noe Floral Company.

56-60 Wabash Ave., Chicago.

FINE CARNATIONS

In quantity, prices reasonable. Wire, can always fill order. Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

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Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

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Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
PERLE	3.00 to 6.00
UNCLE JOHN	5.00 to 6.00
" seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.50

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

Mention The Review when you write.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

Bassett & Washburn

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WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

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Poehlmann Bros. Co.

Wholesale Growers of and Dealers in **Cut Flowers.**

All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

WEILAND & RISCH

Leading Western Growers and Shippers of

Cut Flowers

59 Wabash Ave., **CHICAGO**

Long Distance Phone Central 879.

Mention The Review when you write

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market.

PEONIES, AMERICAN BEAUTIES AND SWEET PEAS OF BEST QUALITY FOR JUNE WEDDINGS

Choice Young Rose Plants—Beauties, Brides, Maids, Kaiserins. Write for prices.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 31.

	Per doz
Beauties, Specials	$3.00 to $4.00
" Extra	1.00 to 2.00
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	4.00 to 6.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 5.00
Liberty	3.00 to 6.00
Carnations, Common	1.50
" Select	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Callas	10.00 to 12.50
Harrisii	10.00 to 12.50
Sweet Peas	.35 to .60
Peonies	2.00 to 3.00
Cape Jasmine	.50 to 1.00

Milwaukee, May 31.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00 to 4.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longifloruma	10.00
Lily of the Valley	1.50 to 2.00
Sweet Peas	.75 to 1.00
Daisies	.50
Cape Jasmine	1.50 to 2.00
Peonies	6.00 to 8.00

Pittsburg, May 31.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00
" No. 1	10.00
" Shorts	2.00 to 4.00
Brides and Maids	2.00 to 8.00
Cusin	2.00 to 6.00
Liberty	8.00 to 12.00
Chatenay	4.00 to 10.00
Perle	2.00 to 6.00
Carnations	1.00 to 3.00
Adiantum Croweanum	1.25 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	2.00 to 4.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	8.00 to 12.00
Sweet Peas	.20 to 1.00
Daisies, White	.50
Daisies, Yellow	1.00 to 3.00
Mignonette	1.00 to 2.00
Pansies	.50
Candytuft	1.00 to 2.00
Peonies	4.00 to 8.00

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

WM. MURPHY

Wholesale Commission Dealer in

Cut Flowers, Florists' Supplies and Wire Work of all Kinds.

Phone Main 980 **128 E. 3rd St., CINCINNATI, O.**

Mention The Review when you write.

C. E. CRITCHELL,

Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

Asparagus Plumosus, 10 feet long, extra heavy, 50c per string.

"Green Goods" are my Specialties.

36 East 3rd St., CINCINNATI, O.

Mention The Review when you write

LOUIS H. KYRK

Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 E. 3rd St., CINCINNATI, O.

Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

Mention The Review when you write.

The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention The Review when you write

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Geo. H. Angermueller

Wholesale Florist

Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, May 31.

	Per 100
Beauties, Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.50 to 1.00
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00

Cleveland, May 31.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$3.00 to $8.00
Meteors	4.00 to 10.00
Carnations	1.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	3.00 to 4.00
Sweet Peas	.50 to .75
Peonies	50c to 75c per dozen

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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J. J. Habermehl's Sons
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Retail Orders Promptly and Tastefully Executed.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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4326-28 Olive Street, St. Louis, Mo.
Established 1873.
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Your orders for
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All Orders Given Prompt and Careful Attention.

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Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
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WHOLESALE FLORISTS,
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will take proper care of your orders in
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Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
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GAUZE
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SATIN-TAFFETA **RIBBONS**

Good Florists know the value of the **PINE TREE BRAND** for effective designs. **Samples free.**

The Pine Tree Silk Mills Company
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806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

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ORCHIDS -- Rare Chance

Before removal to California I desire to dispose of about fifty

Hybrid Cattleyas, Laelias and Laelio-Cattleyas, Duplicate Plants.

Also a few hundred **ESTABLISHED CATTLEYAS, LABIATA, MOSSIAE, MENDELLII, SCHROEDERAE and TRIANAE.**

Prices—5 to 7 bulbs, **$1.50**; 7 to 9 bulbs, **$2.00**; 9 to 12 bulbs, **$2.50**; 12 to 15 bulbs, **$3.00**; 15 to 20 bulbs, **$3.50**; 20 to 25 bulbs, **$5.00** each.

HYBRIDS, $5.00 each — while they last.

Dr. R. SCHIFFMANN, -- ST. PAUL, MINN.

Everblooming Roses

Surplus stock of standard varieties of **EVERBLOOMING BEDDING ROSES** at prices that will close them out.

Strong, healthy stock from 2½-inch pots, to include Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen Scarlet, etc.

Strictly our choice of varieties in good assortment. $2.00 per 100; $17.00 per 1000.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.



Hardy Cut Fancy and Dagger Ferns.

$1.50 and $2.00 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1 50 and $2.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Orchids Arrived in splendid condition direct from the woods the following Orchids: Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia Candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also Catalogue of established Orchids.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS

PEONIES, CARNATIONS and Specimen Nursery Stock.

Mention The Review when you write.

ORCHIDS

INDIAN ORCHIDS. Just arrived in fine condition an extra fine lot of the following varieties: Dendrobium Wardianum, Dendrobium crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxalli, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii.

FRED VARDEN, 26 Summerfield St., FALL RIVER, MASS.

Mention The Review when you write.

CLEVELAND.

The Market.

Weather conditions up to Decoration day were absolutely perfect and those who cater to bedding plant trade and do cemetery work were kept on the jump to keep up with orders. A trip to the various cemeteries found a magnificent array of vases, flower beds and large pots filled with all kinds of plants. Geraniums, as usual, were used in large quantities, S. A. Nutt being mostly in evidence, while Mrs. Perkins was a close second, with Mrs. E. G. Hill and Beaute Poitevine following. Very few, if any, single geraniums are visible. Bedding throughout the city is in full swing and by the end of this week will find the greenhouses completely devastated. The retailers are wearing the usual "smile that won't come off" and have enlarged bank accounts. Geraniums and bedding stock generally are extra fine this year, so A. Graham, H. A. Hart, Mrs. A. Schmidt, Fred Aul, G. M. Naumann and others should not hear of any complaint.

Business at the various stores has been fair the past week. Decoration day found an abundance of flowers, with a demand equal to the occasion. Beauties are particularly fine from local growers, as are also tea roses. Carnations, while in great abundance, are not very good. The hot sun has discolored Lawson and faded Enchantress. There has been a complaint of late about the keeping qualities of carnations.

School commencements begin next week and the store men look forward to a busy month. It is hoped the quality of flowers will hold up. Peonies, iris, snowballs, lilies, spiræas and weigelias are playing a very prominent part in the cut flower line at present.

Various Notes.

Collins & Harrison are making a good display of hydrangeas and Boston ferns, with the usual extra quality of Beauties, teas and carnations.

Jas. Eadie is massing lilies for a window effect. Wagner, as usual, has a very good miscellaneous window, with a lot of fine flowers from Merkle & Son.

Smith & Fetters had a very pretty window. A very large cross of snowballs with a wreath of bronze galax and peonies set in a bank of phœnix palms. Red, white and blue ribbon was also used to good effect.

With J. M. Gasser Co., plants were greatly in evidence. Some well grown hydrangeas and Crimson Ramblers fill both windows. Mr. Darnell, with a large corps of assistants, was very busy attending to their large shipping business. They are at present receiving a tremendous cut of roses from the Rocky River plant, but carnations are off crop.

Robt. Kegg is still sending in some fine carnations.

J. H. Harrison, of North Olmsted, has had a wonderful cut of carnations this winter and are still in good shape.

The Essex Greenhouses are in heavy crop with extra quality Beauties and tea roses.

The Cleveland Cut Flower Co. very largely increased its business this Decoration day as compared to last year.

FOREST CITY.

THE REVIEW will send Smith's Chrysanthemum Manual on receipt of 25c.

PACIFIC COAST.

SEATTLE, WASH.

A merry war is on among the retailers, the usual heavy crop of carnations at this time of the year being the supply of ammunition. Signs in the windows, 15 cents a dozen, are a little out of the usual for this city, as the prices usually hold up well all summer, 50 cents a dozen being low water mark. But I see by reports from eastern cities that the same thing is happening there. For once we can congratulate ourselves on being up with the times.

In speaking of carnations, the sporting proclivities of Enchantress are shown here as well as in the east. Three distinct sports are reported. One of these, a "speckled" one, dark and light pink, will be tested this season. Mrs. M. A. Patten has also sported back to a solid color, pink, the color of Lawson, but with the long stem and general habit of Patten. Flamingo has given us a beautifully variegated sport, but the flower is so crowded with petals that it is top heavy.

Young carnations in the field are looking very well. Planting is usually all finished in this section by April 15. The mortality among rooted carnation cuttings from the east, of new varieties, ordered early but sent late, has been very high.

Outdoor roses are plentiful. The state flower, the rhododendron, is being peddled on the streets in bunches to suit the buyer. A few double white narcissi are all that are left of the bulb stock. Sweet peas are blooming outdoors.

Alfred Peterson, of the Woodland Park Floral Co., wife and family, left May 20, for Europe on a pleasure trip. They expect to be gone four months.

A. B.

SAN FRANCISCO.

The Market.

From present indications out-of-town shipping will not be up to the usual standard of Memorial week. The very favorable season has been prolonged so much that there is an unusual abundance of outside stock in various portions of the state which are generally dry and barren of blooms at this time. As a consequence many interior points will have enough stock to fill their local orders and San Francisco will fall short of box trade.

Flowers still continue very plentiful with us and the prices are as low as I have ever seen them. Still, there is a very fair demaud for fancy stock, both of roses and carnations, and the dealers who can cut long-stemmed flowers that are of good color and substance have no complaint about their ability to dispose of them. Sweet peas continue to be the best selling article and they are extra good at present; from 50 to 75 cents per dozen bunches is the price the growers receive. Peonies are about over, also Spanish iris, but we are receiving some good Japanese iris from several wholesalers. They are good sellers and cost the florists from $2 to $3 per hundred. Valley is in the market but in little demand. **Lilium longiflorum at from $1.50** to $2 per dozen stems moves very slowly. Outside stock can be had in abundance at any price and is being purchased in considerable quantities by the dealers who are counting not a little on Decoration day trade.

Various Notes.

J. M. Young, of the Dwight-Way Nurseries, has departed on a two weeks' fishing excursion to Mount Shasta.

E. J. Wickson has succeeded Prof. E. W. Hilgard as the head of the University's horticultural department during the latter's leave of absence for a trip to Europe.

H. M. Sanborn has returned from his visit to southern California.

J. M. Holland, manager of Gill's Floral Depot, Oakland, is on a month's vacation at Lake Tahoe.

D. Greuttner, of Vallejo, was in town this week.

The Portland Seed Co., of Portland, Oregon, is disposing of considerable Oregon moss to the San Francisco florists.

G.

CREMATION AFFECTS FLORISTS.

It is surprising what a difference has been made in the business of the gardeners and growers who have especially catered to cemetery planting, since the advent of cremation compared with the amount of stock handled before this idea became so popular here. The trend of the public opinion, at least in this state, seems to be gradually changing and where it was formerly customary to spend large amounts on expensive mausoleums and well kept grounds around them, we now find that many people who are amply able and who, in the natural course of events, would spend much money in cemetery adornment, are neglecting the old-fashioned burial and favoring the more modern form. Whatever may be said pro and con about cremation, it certainly puts nothing into the pocket of anyone connected with our line of business. Many of the smaller growers who used to make a good living in the neighborhood of our larger cemeteries, both in growing plants such as were suitable for cemetery planting and also taking care of the better class of graves, now find it impossible to sell stock enough to make it pay. In fact, I can think of several who have been forced to go out of business for that reason alone.

The cemetery associations themselves feel the difference even more and the grounds are kept up in most cases with much less help than was used formerly. The florists' trade suffers likewise, as it is gradually creeping into the heads of people that it is not necessary to spend so much money or send such an array of elaborate designs when the departed is to be cremated as it is when there is plenty of room as in the usual cemetery plot. This will be noticed more than the majority of florists imagine if they will attend any funeral where the remains are to be cremated, and compare it with one of the same elaborateness from which there is to be a cemetery burial. G.

MACON, GA.—The Idle Hour Nurseries, formerly owned by the late Robert H. Plant, have been purchased by Daniel C. Horgan. There are in all eight greenhouses almost wholly devoted to roses and carnations, both of which do well here. The place is up to date in every particular.

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45.00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.
Freight prepaid at the above prices. 250 at 1000 rate. CASH.
A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

FREESIA.... Refracta Alba and Hybrids

5,000,000 to dig this season.
Price and quality of stock cannot be beaten.
Also **Grand Duchess Oxalis,** all colors; **Bermuda Buttercups, Tritonias, Ixias, Sparaxis, Chlidanthus Fragrans, Zephyranthes, Candida and Rosea Ornithogalum, Amaryllis Johnsoni and Belladonna.**
June and July delivery.
REES & COMPERE,
P. O. Address, Long Beach, Cal., R. F. D. I.

Mention The Review when you write.

Calla Bulbs!

for August delivery.
Paper White Narcissus
for fall delivery. Send for price list.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

CALIFORNIA FIELD-GROWN
Freesia Bulbs.

	Per 1000		Per 1000
¼ to ⅜-inch bulbs,	$1.25	½ to ⅝-inch bulbs,	$3.35
⅜ to ½-inch bulbs,	2.05	Mammoth bulbs...	6.40

Bulbs delivered, express prepaid.
Rates on orders for over 5000.
H. N. GAGE, Burnett, Cal.

Mention The Review when you write.

CARNATIONS

We offer first-class stock of the finest varieties.

Strong Rooted Cuttings

Variegated Lawson This variety which we are introducing this season we are sure will prove to be the very best variegated sort. Pure ivory white with delicate carmine pencilings. Mr. W. N. Craig, an authority on everything pertaining to horticulture, says that he knows that this variety will out-bloom the favorite, Mrs. M. A. Patten, three to one. It has the Lawson habit and stem, and is bound to give satisfaction. $12 per 100; $100 per 1000.

Red Lawson A bright red sport of Lawson that is bound to be popular, and will be grown where Lawson is popular. $10.00 per 100; $75 per 1000.

Cardinal Bright cardinal, or crimson-scarlet. Won first prize for best 100 scarlet, first prize for best 50 carnations any color, first prize for best 50 scarlet seedlings, Chicago. $12.00 per 100; $100 per 1000.

Fiancee The queen of pink carnations; in a class by itself. Magnificent flowers, strictly fancy in every respect. $12.00 per 100; $100.00 per 1000.

White Lawson We consider this variety, which we introduced last season, the most profitable white carnation ever sent out. We think it will outbloom any other white two to one. It has given great satisfaction. When the flowers are left on the plants until fully developed they are much larger than Mrs. Thos. W. Lawson. We believe this will occupy among white carnations the same place that Mrs. Thos. W. Lawson does among pink carnations. Remember that we are headquarters for it. Splendid stock ready for immediate delivery. $7.00 per 100; $60.00 per 1000.

Fred Burki Recommended as an extra free-blooming white variety and a claimant for popular favor. $12.00 per 100; $100.00 per 1000.

Lady Bountiful A magnificent white of last season's introduction. $6.00 per 100; $50.00 per 1000.

Daheim Dark crimson. Grand stiff stem. Calyx never bursts. Free and abundant bloomer, developing very quickly. We consider this the best all-round crimson carnation. $6.00 per 100; $50.00 per 1000.

Mrs. M. A. Patten This grand variegated carnation has given splendid satisfaction. $6.00 per 100; $50.00 per 1000.

Enchantress Freest blooming, bringing highest market prices. In great demand. $4.00 per 100; $30.00 per 1000.

Mrs. Thos. W. Lawson $3.00 per 100; $20.00 per 1000.

Prosperity A magnificent fancy carnation. $3.00 per 100; $20.00 per 1000.

We are now prepared to book orders for 1906 for **the Coming Scarlet Carnation Victory** This is a real bread and butter variety. An early, free and abundant bloomer, with good stem; a magnificent keeper and shipper: flowers of the largest size, commanding the very highest price. This is going to be a money-maker. Orders will be filled in rotation, as received. Delivery beginning December next. $12.00 per 100; $100.00 per 1000.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, May 31.—Cucumbers, 35c to 60c doz.; leaf lettuce, 25c to 40c case; head lettuce, $1 to $2.50 tub.

BOSTON, May 29.—Lettuce, $1 to $2 per box of three doz.; tomatoes, 12½c to 15c lb.; cucumbers, $1.50 to $4 box; parsley, $4 bushel; beets, $1 doz. bunches.

NEW YORK, May 29.—Cucumbers, $3 to $4.50 case; lettuce, $1 to $2 bbl; mushrooms, 25c to 75c lb.

LEAF CURL OF CUCUMBERS.

The curling of cucumber leaves into a spherical form is more or less experienced by cucumber growers. This trouble manifests itself in the wilting of the edges of the leaf, which subsequently die, thus producing a narrow whitish area of dead tissue and preventing the leaf from further expansion. As the other part of the leaf grows, while the whitish dead edge is restricted in this respect, it results in the exterior surface of the leaf assuming a convex form with a contorted margin. In other words, the leaf is curled up more or less like a ball. Single plants now and then occur in a house affected in this manner, while all the other plants may be normal in this respect. Occasionally many plants will show only slight symptoms of curling, which would be the case when the wilting and dead areas occur after the leaves have practically reached their maximum size. There are various stages of this trouble ranging all the way from a slight curling to pronounced types. These various stages bear a relationship to the plasticity of the plant and its relative development, together with the nature of the cause and the degree of intensity with which the abnormal stimulus has been applied.

This wilting and dying of the margin of the leaf may evidently be brought about in more than one way. In all instances that we have observed the phenomenon is one connected with absorption and transpiration or the taking on and giving off of water. The most frequent cause of this condition, however, is over-manuring. We have succeeded in producing plants where practically all the leaves assumed the spherical form by growing them in an excess of manure. If strong horse manure at the rate of two-thirds or three-fourths is mixed with one-third or one-fourth soil, such results can usually be obtained. Some of the worst cases we have seen were where the soil had been liberally treated with horse manure with the addition of a considerable quantity of hen manure. Over-manuring, however, is not the only cause, and cases have been observed by us where it has occurred without an excess of manure in the soil. It can be induced in various ways, and abnormal modifications in the light, soil and moisture conditions under which plants are grown are frequently responsible. Any cause which is likely to produce excessive transpiration, such as lack of texture in the leaf, etc., or anything which prevents root absorption, as the presence of a considerable amount of nitrate, etc., in the soil, will produce a curling of the leaf when other necessary conditions are at hand. Care should therefore be taken in not over-manuring, also in the regulation of those conditions which produce plants of inferior texture.—Bulletin of Massachusetts Agricultural College.

TRAINING TOMATO PLANTS.

Though it is by no means the general custom to train outdoor tomato plants systematically but it nevertheless pays to do so where first-class fruit is desired. We too often see the plants allowed to roam at will until they get all tangled up. Then they are attacked with the knife in a haphazard manner, usually too late to be of any real benefit to the plants. In consequence only the fruit set before the pruning will come to anything like maturity, further setting being beyond the strength of the plants weakened by neglect, and the season of bearing is consequently shortened.

As mentioned in last week's article, there are several satisfactory methods of training. Probably the best is to use properly constructed trellises. These can be made quite cheaply if rails can be conveniently procured. A convenient size is ¾-inch strips two inches wide and fourteen feet long. These should be nailed to strips one inch thick by three wide and five feet long, one end being pointed so it can be driven into the soil far enough to give a good hold. The rails should be sixteen inches apart, the first being near the top. This will bring the bottom one about the same distance above the ground, after the trellis is set. Four strips should be used for each length, the end ones being placed one foot from the ends of the rails, the others four feet apart. This makes a good firm trellis. We prefer to set the trellises in double rows, the tops sloping in toward one another at an angle of about 20 degrees but about two feet apart at the top. Some bring them together at the top but the two feet of space is an advantage in admitting light and giving more freedom of air. They of course require to be braced from the back to make them firm.

Each length of trellis will accommodate four plants. These are best trained to three stems, the leaders being allowed to go right ahead without pinching until the top of the trellis is reached, but all lateral or side growths are pinched off as they appear, the leaders being stopped when the top of the trellis is reached.

Another very satisfactory plan is to use three stout stakes for each plant in place of fastening to a trellis, the stems being trained and pinched in the same manner. By this method more plants can be grown in a given space, as they can be set from three to three and one-half feet apart each way and at the same time have plenty of light and air. The only disadvantage is that severe storms are liable to break down the plants much more than they will where the trellis is used. W. S. CROYDON.

THE REVIEW will send Montgomery's "Culture of Grafted Roses" on receipt of 25c.

IT takes a large stock to stand an adv. running long in the REVIEW.—STOVER FLORAL CO., Grandville, Mich.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E W Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden Springs, Ind., June 14-17, 1905.

J. C. Hale, Winchester, Tenn., claims that the Tennessee Wholesale Nursery is the largest peach tree nursery in the world.

A New York concern which proposes to raise spruce trees for the lumber has recently imported from Germany nineteen hampers, each of which contains 17,000 seedlings.

Nurserymen will be interested in the fact that the postoffice department is about to simplify the procedure under which catalogues may be mailed in bulk without stamps affixed.

John Craig, secretary, announces that the next biennial meeting of the American Pomological Society, the twenty-ninth in the history of the organization, will be held in Kansas City, August 8 to 10, 1905. The meeting goes to Kansas City at the earnest request of the Missouri Horticultural Society, backed by the horticultural societies of the Missouri Valley and western states in general. J. H. Hale, South Glastonbury, Conn., is president.

CURL LEAF.

I have purple plums and golden elders that have curl leaf. The golden elder is not a light yellow, but was when I got them. Probably there is too much shade. Do they have to be in the full glare of the sun all day to bring out the golden color? Mine are on the west side of the house, with trees a distance west of them, say forty feet. They all grow well. S. J. P.

The fact that the purple plum, which we take to be Prunus Pissardi, and golden elder are grown in partial shade would account in a large part for loss of color in foliage. Both these plants want all sunlight possible and neither should be grown very near the house. The leaf curl is probably caused by aphis. Examine the foliage which is curled. If any aphis can be found spray with a solution of whale oil soap. This will kill insects and eggs, directions for use on each box. A syringing with any of the tobacco extracts properly diluted will be efficacious. W. N. C.

THE SEASON'S BUSINESS.

The following summaries of the season's nursery trade have been received from well known firms:

J. G. Harrison & Sons, Berlin, Md.—The past season's business has been a good one, in which we have sold several million strawberry plants and several hundred thousand peach and apple-trees. The season was late to start but orders came fast and were promptly waited on. About all salable stock is cleaned up close. Prospects for fall trade are good, especially on peach and apple-trees. Weather conditions are good and trees are making a rapid growth.

J. C. Hale, Winchester, Tenn.—The past season's business among the nurserymen of this section was very satisfactory so far as I know. I sold more peaches last year than usual but prices were low on account of there being such a large quantity. There will be a shortage in the peach-tree crop this year in the south of at least fifty per cent from last year. The seeds planted last fall were cut at least fifty per cent and the stand is not as good as usual. In addition to this a very severe freeze in February, followed by another in April, did considerable damage to our dormant peach buds and the supply of one-year peach for fall delivery will be materially cut.

THE SEEDLESS APPLE.

The Brooklyn, N. Y., Eagle has a portrait of John F. Spencer, of Grand Junction, Colo., and an account of his seedless apple, which, whatever one may think of the facts, is interesting reading. Here are some extracts:

Seedless apples have existed for 200 or 300 years. There are many trees in the United States that bear apples without seeds. But the apples produced are of no commercial value. They are very small, have no coloring to speak of, and are "runty" and inferior in every way. In addition, these trees will not reproduce trees of their own kind.

Mr. Spencer succeeded, in his experimental orchard, in producing five trees that bore apples practically without seeds, but the fruit was of poor quality. From these five trees he began budding and grafting, to see if the trees would reproduce themselves, and at the same time improve the quality of the fruit. As a result he now has trees in his orchard that are four, six and eight years old, and they all bear seedless apples of fine quality and flavor.

Sometimes a seed is found in this new apple, but it is never where the seed pocket should be. This seed is produced by the pollen from the common apple tree, which is carried to the seedless apple trees, either by the bees or winds. Whenever this pollen is deposited in the navel end of a seedless apple, there will be found a seed, usually in the outer peeling of the apple.

The commercial value of Mr. Spencer's work has been recognized immediately. The originator of the new apple is vice-president of a company organized to exploit the apple. Most of the United States has been covered by subcompanies, and within six months the whole country will be covered. The new apples will be raised in orchards in every state, and in addition the company has arranged for a nursery of 60,000 to be started in Switzerland this spring, as well as a nursery of the same size in Great Britain. It is estimated that there will be lined out in the United States this spring 2,000,000 seedless apple trees, which will be budded at the proper budding season this fall, and these trees will be delivered in the spring of 1906. With these trees scattered all over the world in a few years the seedless apple will be as common as the seedless orange.

DWARF BOX!

3 to 5 inches. $25.00 per 1000. 2 to 4 inches $20 00 per 1000.
SPECIMEN EVERGREENS in assortment. Prices upon application.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

BABY RAMBLER

Ever-Blooming Dwarf Crimson Rambler.
A gem among Roses. An ever-blooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every Florist in the land should have it. 2¼-inch pot plants, now ready for delivery, $2.50 per doz.; $17.50 per 100; $150.00 per 1000.
THE DINGEE & CONARD CO., West Grove, Pa.
Mention The Review when you write

PEONIES 200 Choicest Varieties Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
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30 ACRES HARDY
Herbaceous Plants
Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
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Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY,
504 W. Peterson Ave., CHICAGO, ILL.

PRIVET HALF PRICE
12 to 18 in.....$7.00 per 1000
18 to 24 in.....10.00 per 1000
2 to 3 feet.....15.00 per 10.0
Mention the above prices when ordering.
300,000 Roses, 2 and 4-in. pot plants, extra fine. Prices and varieties on application.
The Elizabeth Nursery Co., Elizabeth, N. J.

W. & T. SMITH COMPANY
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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
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Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
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EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
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Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, CHICAGO.
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FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
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ROSES! From 2 1-2 Inch pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORR ENG.	25.00	200.00
AMERICAN BEAUTY	$5.00	$40.00
LA DETROIT	6.00	50.00

AMERICAN BEAUTY—Bench plants.....$5 00 per 100; $40.00 per 1000

	Per 100	Per 1000
PERLE von Godesberg	$5.00	$40.00
LIBERTY	5.00	45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

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C. R. HILLS, GRAND RAPIDS, MICHIGAN

AMERICAN BEAUTIES, EXTRA FINE, 3-INCH.....$6.00 PER 100
LA DETROIT, EXTRA FINE, 3-INCH..... 8.00 PER 100
CHATENAY, PERLE, SUNRISE, 3-INCH..... 5.00 PER 100

Cobaea Scandens, 2¼-in.....$2.00 per 100
" " extra fine, 3-in.... 4.00 per 100
Clean and healthy.

German Ivy. 2¼-in.....$2.00 per 100
Shasta Daisies. 2¼-in..... 2.50 per 100
Christmas Peppers, 2¼-in..... 2.00 per 100

Mention The Review when you write.

Nicotiana Sanderae, 2¼-in... .....$1.00 per doz.

ASTERS.

American Branching, Hohenzollern, Queen of the Market and Carlson's.
From bench.....$0.60 per 100; $5.00 per 1000
From 2¼-in. pots..... 1.50 per 100; 12.50 per 1000

PRIMULAS, for July Delivery.

EASIGOLD

If you are tired of the soft, flabby, Chrysanthemums that look like a rag the day after shipping, try this one. Will be grown long after the foreign "wonders" are forgotten. Nothing larger or better in its season October 8 to 15. Originator's stock; $3.00 per dozen; $12.00 per 100. June delivery, less money.

ENGLISH IVY, out of 3½-inch, strong, $1.50 per dozen; $10.00 per 100.

JAPANESE SEDGE, variegated, just the thing for fern dishes, 2-inch; $2.00 per 100.

Cash please.

FLETCHER OF AUBURNDALE
AUBURNDALE, MASS.

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The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906. Early. Commercial.

INDIANAPOLIS FLOWER & PLANT CO.
and JOHN HARTJE, Indianapolis, Ind.

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RED SPORT

The Great Christmas "Hollyberry" Red Carnation. Most profitable red ever introduced and an easy doer, everybody can successfully grow it. Strong plants from 2¼-inch pots, ready to plant in the field or on the bench inside, $6.00 per 100; $50.00 per 1000. Satisfaction guaranteed.

A. B. DAVIS & SON,
CARNATION SPECIALISTS. PURCELLVILLE, VA.

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Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

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Robt. C. Pye,
Carnation Grower
NYACK, N. Y.

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ROSES!

	Per 100
American Beauty, 2-in. pots	$5.00
2-yr-old, 4-in. pots, 40 varieties, our selection	6.00
40 varieties, our selection, 2-in. pots, $15.00 per 1000.	
2-in. **Asparagus Plumosus**	2.50
3-in. " "	4.00
2-in. **Sprengeri**	2.50
Heliotropes, Hardy Phlox, Fuchsias, Flowering Begonias	2.50
Salvia	2.00
Stokesia Cyanea, 2-in. pots	2.00
Moonvines, 2½-in.	2.50
4-in.	10.00

The National Plant Co.
DAYTON, OHIO.

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Carnations and Cannas

SPEAK QUICKLY.

2000 fine Carnation plants from flats, ready to plant outside and hardened off. Queen Louise, $2.00 per 100; Joost, $1.50 per 100; Prosperity, $2.00 per 100. All same per 1000.

10 000 fine potted Cannas, well established. Leading bedding sorts, $1.00 per doz.; $6.00 per 100, including Bronze Leaved and Glorioas, 2½ ft. gilt edge for outside row, 20 varieties.

DORMANT CANNAS, all colors, not named, $1.50 per 100. Lots of Heliotrope, 2c; Verbenas, 2c; Scarlet Sage, 2c; Clematis Paniculata, 3 year, 10c; Ampelopsis Veitchii, pot-grown, dormant, long tops, 4c; Vinca Major Var., 4-inch, 8c; 2½-inch, 3c. All cash or C. O. D. **All lists.**

BENJ. CONNELL, WEST GROVE, PA.

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CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

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Headquarters for COLEUS

Rooted Cuttings of Golden Bedder and Verschaffeltii, $6.00 per 1000. Rooted Cuttings of Golden Bedder and Verschaffeltii, mixed, $5.00 per 1000. 2¼-inch pots, $15.00 per 1000.

The above are ready now. Cash with order.

J. E. FELTHOUSEN, Schenectady, N. Y.

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Bedding Plants

Orders will be filled same day received, if we are short of stock ordered money will be returned by next mail.

	Per 100, 2¼-in.
Ageratum, dwarf, blue	$2.00
Alternanthera, red, yellow; 100 R. C., 40c.	1.50
Alyssum, Sweet, Giant dbl.	2.00
Asparagus, Plum. and Spreng., 3-in., $5, 4-in., $8; seedlings, $1	2.50
Begonia Vernon	2.50
Carnations, R. C., 2 and 3-in.; price list free. Summer blooming, Mrs. Fisher, white and pink, 3-in., 100, $6.00.	
Cobaea Scandens, trpl., fr. flats, $1.00	2.00
Coleus, in varieties, R. C., 70c	2.00
Dahlias, in varieties, doz., 50c	4.00
Daisies, Longfellow and Snowb., in bloom, $1.00; 1000, $8.50.	
Dracæna Ind., 2-3-4-in., 100, $2.50, $5, $8.	
Dusty Miller, trpl., fr. flats, $1.00	2.00
Ferns, Boston, fine, 5-in., $20.00.	
Feverfew, Little Gem; 3-in., 100, $5.00	2.00
Forget-Me-Not, in var., trpl.; 100, $1.00	2.00
Fuchsia, in var., 3-in., $5; 4-in., $8	2.50
30,000 Geraniums, Nutt and other var., 3-in., $5	2.00
20,000 Geranium Mme. Salleroi, very strong	2.50
Geraniums, Fancy, Tricolor and new var., doz., $1.	
Geraniums, Ivy-leaved, 3-in., $6.00	3.00
Heliotrope, in var., 3-in., $5	2.00
Hollyhocks, 3-in.	$5.00 per 100
Ivy, Kenilworth	2.50
Lobelia, dwarf and trail., sep., trpl., $1.00	2.00
Lemon Verbena, 3-in.; $5.00	2.50
Lantanas, in var., 3-in., $5	2.50
Marguerites, white and yellow	2.00
Pansies, 300,000 splendid mixed in bloom; 1000, $12.50, $10.00, $6.50, according to size; sample free. White, blue, black, purple and yellow, separate colors, trpl., 100, $1.	
Petunia, double fringed	2.50
" single, in bloom	2.00
Phlox, Drummond, mixed	2.00
Salvia, in varieties	2.00
Smilax, trpl., fr. flats, strong, $1.00	1.50
Swainsona Alba, 3-in., $5.00.	
Tradescantia	2.00
Umbrella Plants, 3-in., $4.00	2.00
Verbena, mixed, trpl., $1.00	2.00
15,000 Vinca Var., strong 3-in., $5.00; 4-in., $10; 2½-in., $3.00	2.00

VEGETABLE PLANTS

Cabbage—Wakefield, Early Spring and Early Summer, All Head Early, Succession, Drumhead, Danish Ballhead, Winter, 1000, $1.00; 10,000, $8.50. Trpl., 1000, $2.00.

Cauliflower—Early Snowball, trpl., strong, 1000, $4.00. Danish Snowball, 1000, $2.00.

Celery—A few millions of plants, White Plume, Golden Self-Blanching, Dwarf Golden Heart, Winter Queen, Giant Pascal, 1000, $1.00; 10,000, $8.50; 100, 15c. Trpl. White Plume, ready, 1000, $2.00.

Onion—Prizetaker, 1000, $1; 10,000, $8.

Sweet Potatoes—Yellow Jersey, 1000, $1.50.

Tomato—Earliana, Lorrillard, Acme, Dwarf Champion, Ponderosa, Livingston's Beauty, 1000, $1 to $1.50. Trpl., 1000, $2, $5 and $10.

Price list mailed free. Cash with order. If by mail, add 10c per 100 on R. C. and seedlings.

LUDVIG MOSBAEK, Onarga, Ill.

Mention The Review when you write.

BALTIMORE, MD.

The Market.

The wholesale market has experienced the worst glut in years this week. Everything is coming in so plentifully, owing no doubt to the ideal spring weather, and quality has kept up well, but prices would not look well in print. The retailers say they never saw business so slow so early before the anticipated dull season. Funeral work has been the only standby. There were thousands of roses and carnations on the street this week that could be bought as low as 5 and 10 cents per dozen and the fakir had to hustle to move them at that.

August Entertainment.

A smoker and a good time at the club brought a very large attendance at the last meeting. It was decided that the Gardeners' Club would entertain the members of the Society of American Florists who will visit our city during the convention in Washington. No definite plans have as yet been decided on but it is understood that the entertainment is to consist of a trip down the Chesapeake bay and probably a drive through the former burnt district of Baltimore and also through some of our parks.

A. F.

FERTILIZER.

It is hard for me to get cow manure but I can get plenty where the hogs have been bedded. It is about four-fifths oak leaves. Is this good for pot plants, roses and carnations? If so, in what proportions would you add it to good rich soil? Would bone meal be needed in addition?

W. A. L.

We have never used hog manure in this country unless it came from the cattle yard in a mixture and we were not aware of it, but we do know that in England it was valued as much as any and largely used. In the condition you describe we think it could be safely used with the soil at one to six, well mixed through the soil and will suit roses and carnations and our ordinary greenhouse plants. The quantity of bone meal will depend on how much animal manure you are using. If it is naturally good soil with the ordinary quantity of animal manure, one part to five or six, then you could add one pound of bone meal to one bushel of soil.

W. S.

Minneapolis, Minn.—John Monson is adding to his glass at Calhoun boulevard and Thirty-sixth street.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

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Rooted Cuttings and Plants.

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100
American Beauties	$5.00	$45.00	$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4.50	40.00	6.00
Golden Gates	$3.50	$30.00	$5.00
Bridesmaids	4.00	35.00	5.50

Cut Back Bench Beauties, $45.00 per 1000. Meteors, Maids, Brides, Gates, Chatenay, Perles, $2.50 per 100.

CHRYSANTHEMUMS.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Kalb	1.50	2.50
Robinson	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Wanamaker	1.50	2.50
Timothy Eaton	2.00	3.00
W. Bonnaffon	2.00	3.00
Chadwick	2.50	3.50
Crawford	2.00	3.00
Merry Christmas	1.50	2.50
Yellow.		
Monrovia	2 00	3.00
Parr	1.50	2.50
Sunshine	1.50	2.50
Whilldin	1.50	2.50
Halliday	1.50	2.50
Appleton	2.00	3.00

Yellow.	R. C. Per 100	2½-in. Per 100
Bonnaffon	$1.50	$2.50
Reiman	2.50	3.50
Yellow Eaton	2.50	3.50
Chautauqua Gold	2.00	3.00
Nagoya	2.00	3.00
Pink.		
Lady Harriet	2.00	3.00
Pacific	1.50	2.50
V. Morel	2.00	3.00
Perrin	1.50	2.50
Xeno	2.00	3.00
Maud Dean	1.50	2.50
Quito	1.50	2.50
Pink Ivory	1.50	2.50
Shaw	1.50	2.50
Lady Hanham	2.00	3.00
Red.		
Intensity	2.00	3.00
Shrimpton	2.00	3.00

NEW VARIETIES.

White.	R.C. Doz.	2½-in. Doz.	2½-in. Per 100
Emily Mileham	$4.00	$5.00	$40.00
Mme. Paul Sahut	4.00	5.00	40.00
N. Pockett (cream)	.50	.75	4.00
Majestic (per 100)	10.00	....	15.00
Adelia	10.00	....	15.00
Yellow.			
Mrs. Wm. Duckham (cup winner)	6.00	7.50	60 00
Merstham Yellow	4.00	5.00	40.00
Kimberly	.60	.75	....
Prima	.60	.75	....
Plumridge (per 100)	2.00	....	3.00
T. W. Pockett (per 100)	1.50	....	2.50

Pink.	R.C. 100	2½-in. Per 100
American Beauty	$2.50	$4.00
Cobbold	2.50	4.00
McNiece	2.50	4.00
Ben Wells (light pink)	2.50	4.00
Leila Filkins	2.50	4.00
Etherington	2.50	4.00
Dr. Enguehard	2.50	4.00
Marie Liger	2.50	4.00
Coombes	2.50	4.00
Wm. Duckham	2.00	3.00
Red.	R. C. doz.	2½-in. doz.
Sport of Duckham	$1.50	$2.50
Lord Hopetoun	.75	1 00

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for finest Cut Roses, Carnations, etc.
Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO.
MORTON GROVE, ILL.
Cut Flower Salesroom, 35-37 Randolph St., CHICAGO

Mention The Review when you write.

GOOD ROSES

Ready to plant now. Well-grown plants.

	2¼-in.	3-in.
Brides and Maids, per 100	$3.00	$5.00
Gates and Ivory, per 100	3.00	5.00
Meteors, Can. Queen, per 100	3.00	6.00
Hermosa, nice plants	3.00	5.00

BOSTON FERNS

2½-in. extra strong, $4.00 per 100; 5-in., $25.00; 6-in., $40.00, and 7-in., $60.00 to $75.00. Very good value.

W. H. GULLETT & SONS, - Lincoln, Ill.

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Roses and Mums!

ROSES—Standard list of good varieties, $3.00 per 100; $25.00 per 1000.
MUMS—All the best commercial kinds, $1.00 to $2.00 per 100.

BURDELL FLORAL CO., Bowling Green, Ky.

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ROOTED CUTTINGS
.....OF.....
Chrysanthemums

Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 per 1000.

VIOLETS, from 2-inch pots.

Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell doubles, all at $2.50 per 100; $20.00 per 1000.

Eli Cross, Grand Rapids, Mich.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

READY NOW

CHRYSANTHEMUMS Majestic, White. Madonna, Pink. Adelia, White.
No better varieties grown.

SNAPDRAGONS White, Pink, Yellow,
$6.00 per 100; $50.00 per 1000.

ROSES LA DETROIT, 2½-in $8.00 per 100; $75.00 per 1000. 3½-in., $12.00 per 100; $100.00 per 1000. GEN. MacARTHUR, 2½-in., $8.00 per 100; $75.00 per 1000. From benches, $10.00 per 100. PAPA GONTIER, 2½-in, $4.00 per 100. MME. HOSTE, 2½-in., $4.00 per 100. MILDRED GRANT, 2½-in., $10.00 per 100.

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

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HEADQUARTERS
.....FOR.....
KILLARNEY

Siebrecht & Son,
ROSE HILL NURSERIES,
New Rochelle, N. Y.

Mention The Review when you write.

ROSE PLANTS

OWN ROOTS. STRICTLY FIRST-CLASS STOCK.

De Brabant,	White Rambler,	White Maman,	Pink Rambler,
Ivory,	Clothilde Soupert,	Duchess of Albany,	Yellow Rambler.
Meteor,	Etoile de Lyon,	Helen Gould,	Hermosa.
The Bride,	Marechal Niel.	Malmaison,	Phila. Rambler.

From 2½-inch pots, $2.25 per 100; $18.00 per 1000.

Crimson Rambler,	Perle des Jardins,	Gen. Jacq.	Kaiserin Aug. Vic-
La France,	Vick's Caprice,	P. C. de Rohan,	toria,
Mme. Chas. Wood,	Capt. Christy,	Mme. Plantier.	Sunrise,

From 2½-in. pots, $3.00 per 100. $25.00 per 1000.

C. M. NIUFFER, Springfield, Ohio.

Mention The Review when you write.

AMERICAN BEAUTY

Plants from bench, $5.00 per 100; $40.00 per 1000.

5,000 FLORA HILL CARNATION,
ROOTED CUTTINGS.
$10.00 per 1000. Speak quick if you want them.

GEORGE REINBERG
Wholesale Grower and Shipper of
CUT FLOWERS,
51 Wabash Ave., CHICAGO

Mention The Review when you write.

Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.
Write for prices.

JOHN YOUNG, 51 W. 28th St.
Telephone 4463 Madison New York City

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New Rose WELLESLEY

Own root plants, $25.00 per 100.

WABAN ROSE CONSERVATORIES,
NATICK, MASS.

John N. May, Summit, N. J.

Brides and Maids

Fine 2½-inch stock, ready for 3-inch, $25 per 1000. 3-inch, $30 per 1000.

HELLER BROS., New Castle, Ind.

Mention The Review when you write.

Beauty Plants

An especially fine lot of stock from 2½-inch pots; stock such as we are planting for ourselves. $4.00 per 100; $35.00 per 1000.

JOHN MUNO
ROGERS PARK, CHICAGO, ILL.

Mention The Review when you write

Chatenay—Uncle John—Perle

A limited supply extra fine plants.

THE CASSER COMPANY
EUCLID AVENUE,
CLEVELAND, - - - OHIO

Mention The Review when you write.

Roses

	Size pots.	Per 100
Perles	3-in.	$4 00
Brides and Maids	2½-3-in.	3 00
Golden Gates	4-in	4 00
Ivories	2-in	3.00
Ivories	4-in	5.00
Also Dracaena Indivisa, 5-in., 20c each.		
Dracaena Indivisa, 2-in		2.00
Asparagus Plumosus, 3-in		4.00
Asparagus Sprengeri, 2-in		2.00

WM. B. SANDS, Lake Roland, Balti., Md.

Mention The Review when you write.

SURPLUS
Rose Stock

Fine clean, cool grown stock of the following varieties.

	From 2-in. pots Per 100	From 3-in. pots Per 100
Beauties	$4.00	$5.50 to $6.00
Brides	2.50	3.50
Maids	2.50	3 50
Kaiserin	2.50	3.50
Chatenay	2.50	3.50
Ivory	1.50	2.00

Satisfaction guaranteed or money returned.

UNITED STATES CUT FLOWER CO.
ELMIRA, N. Y.

Mention The Review when you write

Pansies, twice transplanted, just coming into bloom, 75c per 100.

Cobaea Scandens, fine stock from 4-inch pots, $5.00, from trays, $2.00 per 100.

Vinca, from 4-inch pots, $6.00 per 100.

Vinca, var., 2-inch, $1.50 per 100.

Mammoth Verbenas, separate colors, 2 to 2½-inch pots, $1.00; mixed from trays, 50c per 100.

Asters, in separate colors ready to set, $3.00 per 1000; 250 at 1000 rate. Comet, Semple's Branching, Daybreak, Mary Semple, Ostrich Plume, Hohenzollern, White Purity. Cash with Order.

J. J. ARNOLD, HOMER, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story. Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.

Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum Stella Gurney, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 4 varieties; 2½-in., in bloom, $2.00 100. E. G. Bunyar, Independence, Mo.

Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratum, 2½-in., $2.50 100.
S. V. Smith, 63 Goodman St., Phila.

ALTERNANTHERAS.

Alternantheras, strong rooted cuttings of A. nana, yellow, and P. major, red, 50c 100; $4.00 1000. Red and yellow, from 2-in., $1.50 100. Special price on 5000 or more.
Davis Bros., Morrison, Ill.

Alternantheras, red; 2-inch, $2.00 per 100.
Alternantheras, yellow; 2-inch, $2.00 per 100.
Alternantheras, red and yellow; 2-inch, from early cuttings, $2.00 per 100.
Rutledge Nurseries, Rutledge, Pa.

Alternanthera brilliantissima, red, 2-in., $3.00 per 100. Satisfaction guaranteed.
Henry Engler, 4651 Lancaster Ave., Phila.

Alternantheras, yellow and red; 2¼-in., $2.00 100; $15.00 1000. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Alternantheras, red and yellow, strong 2-in., $1.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Alternantheras, yellow, 2-in., $2.00 100; $18.00 1000. C. Winterich, Defiance, Ohio.

Brilliantissima, red; A. nana, yellow; 2-in., $2.00 100. A. J. Baldwin, Newark, O.

Alternantheras, green; 2-in., $2.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

ALYSSUM.

Alyssum, double dwarf, bushy plants, 3-in. pots, $3.00 per 100.
The Stover Floral Co., Grandville, Mich.

Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum double giant, 2-in., in bud and bloom, $1.50 per 100. J. Sylvester, Oconto, Wis.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Alyssum, giant double, in 2½-in. pots, $2.00 per 100. Cash. G. W. Renard, Avondale, Pa.

Alyssum Little Gem, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Alyssum, very dwarf, good, 3-in., $3.00 100.
S. V. Smith, 63 Goodman St., Phila.

Dwarf sweet alyssum, 2¼-in. pots, $1.50 100.
J. S. Bloom, Riegelsville, Pa.

Sweet alyssum, 3-in., $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssums, 2-in., 1½c.
O. L. Baird, Dixon, Ill.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in., $4.00 100. Cash.
R. I. Hart, Hackettstown, N. J.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

ANTIRRHINUMS.

Snapdragon, 2-in., 1½c.
O. L. Baird, Dixon, Ill.

Snapdragons, white, pink and yellow, $6.00 100; $50.00 1000.
J. BREITMEYER'S SONS, Detroit, Mich.

AQUATICS.

Nymphaea odorata gigantea, 50c doz., $3.50 100. R. Vincent, Jr., & Son, White Marsh, Md.

ASPARAGUS.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

4000 Asparagus plumosus nanus, in 2-in. pots, $2.50 per 100; 2000 seedlings, $1.50 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, large clumps, $6.00 100. A. Sprengeri, 2½-in., very large stock, $2.00 100; 6-in., $10.00 100. Cash with all orders.
S. J. Bunting, Elmwood and 58th, Phila.

Asparagus plumosus nanus, fine plants, $1.50 per 100; 3-in., $4.50 per 100. Sprengeri, small plants, ready July 1; 3-in., $4.00 per 100.
William Stuppe, Westbury Station, L. I., N. Y.

Asparagus Sprengeri, large, bushy plants with many long vines, from 3-in., $5.00 100; extra fine from 4-in., $8.00 100.
N. Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, 2-in., $3.00 100; 4-in., $10.00 100; seedlings, $12.00 1000. Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Peoria, Ill.

Cut fronds of Asparagus plumosus, 6 to 18 inches each, $2.00 per 100. Cash. Sample free.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in. pots, $2.50 100; 3-in., $5.00 100. Sprengeri, 2¼-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus nanus, strong plants from 3-in. pots, $5.00 100, worth $8.00. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus, 2-in., $2.50 100; 3-in., $4.00 100. Sprengeri, 2-in., $2.50 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, 3-yr.-old clumps in fine shape, $8.00 per 100. Cash.
G. W. Renard, Avondale, Pa.

Asparagus plumosus nanus, 2½-in., strong, ready for shift, $3.00 100.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus and Sprengeri, 2¼-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 3-in., $4.00; Sprengeri, 2-in., $2.00 100.
W. B. Sands, Lake Roland, Balto., Md.

Asparagus plumosus nanus, 4-in. pots, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus and Sprengeri, 2 to 6-in. Write Geo. A. Kuhl, Pekin, Ill.

ASTERS.

Asters. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose, purple and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
A. & G. Rosbach, Pemberton, N. J.

Queen of the Market asters only, from 2½-in. pots—red, white, blue and pink; nice plants. Having more than we have room for we will let them go for $1.25 per 100. Cash, please.
A. Relyea & Son, Poughkeepsie, N. Y.

American Branching, Carlson's Queen of the Market and Hohenzollern, from flats, 60c 100, $5.00 1000; from 2¼-in., $1.50 100, $12.50 1000. Extra strong thrifty stock. By express.
C. R. Hilis, Grand Rapids, Mich.

Asters Comet, Semple's Branching, Daybreak, Mary Semple, Ostrich Plume, Hohenzollern White, Purity, separate colors, ready to set, $3.00 1000; 250 at 1000 rate. Cash.
J. J. Arnold, Homer, N. Y.

Asters. Olmstead's White and Semple's Branching, in white, pink, and lavender, once transplanted, from selected flowers, $1.00 per 100, $8.00 per 1000.
C. Winterich, Defiance, O.

Asters. Semple's and Queen of the Market, separate colors. Fine plants ready to plant out, 35c per 100, by mail; $3.00 per 1000, by express.
S. W. Pike, St. Charles, Ill.

Asters. Comet and American Branching, in pink, white and blue, and Victoria in mixed colors, from pots, $1.00 per 100.
J. B. Shurtleff & Son, Revere, Mass.

Asters. Queen of the Earlies, Purity and Branching, all white, 40c per 100; $3.00 per 1000. Cash. Ray H. Palmer, Randolph, N. Y.

Asters. Benthey's, white and pink, 2½-in., 3c; 2-in., 2½c. Carlson's, mixed, 2-in., 1¼c.
O. L. Baird, Dixon, Ill.

Semple's asters, white, pink, purple, lavender, crimson, $3.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Asters, Carlson's White, strong, 50c 100.
F. Griswold, Worthington, O.

BAY TREES.

Bay trees, a splendid lot just in. Standards, $9.00 to $24.00 pair. Pyramids, $9.00 to $30.00 pair. A. Schultheis, College Point, N. Y.

Write for quotations on bay and box trees.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

BEDDING PLANTS.

Geraniums, scarlet and pink varieties, the newest and best bedders, 4-in., in bud and bloom, $6.00 per 100. Salvias Bonfire and splendens, strong, transplanted, $2.00 per 100. Sweet alyssum, nice, bushy plants in bloom, $2.00 per 100. Marie Louise violet plants, February and March struck, ready June 15, $15.00 per 1000; orders booked now. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Geraniums, leading varieties, 4-in., $8.00 100. Heliotropes, 3 and 4-in., $5.00 and $7.00 100 Coleus Verschaffeltii and G. Bedder and 8 other varieties, $2.00 100. Feverfew and verbenas, 2½-in., $2.50 100. Lobelia, dwarf and tall, 2½-in., $2.25. Alyssum, 2-in., $2.00 100. Alternantheras, red and yellow, $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Tuberous rooted begonias, white, yellow, pink and red; well started out of 3½ or 4-in. pots, 3 to 5 leaves, $15.00 per 100.

Begonia Erfordii, sometimes called pink Vernon, the finest bedder of all the begonias, does well in sun or shade; grand stock, 3½-in., in full bloom, $10.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonias, 16 finest varieties, 3-in. pots, $5.00 per 100; $1.00 per doz. Ten varieties, 2-in., $2.00 per 100; 40c per doz.
Harmon & Henderson, Iola, Kan.

Begonia Gloire de Lorraine, strong plants, cut back twice; 3-in., $25.00 100. Ready now.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Vernon, red, pink and white, strong 2 and 3-in., $2.00 and $3.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Tuberous rooted begonias, 4-in., $1.50 doz. Cash. Paul Brummer, Corona, L. I., N. Y.

Spotted begonias, 4-in., $7.00 100.
S. V. Smith, 63 Goodman St., Phila.

Flowering begonias, $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2¼-in., $2.00 per 100.
C. R. Hills, Grand Rapids, Mich.

BOXWOOD.

Boxwood in painted wooden tubs, great value, $3.50 to $4.00 pair.
A. Schultheis, College Point, N. Y.

Dwarf box, 3 to 5 in., $25.00 1000; 2 to 4 in., $20.00 1000.
Hiram T. Jones, Elizabeth, N. J.

BULBS.

Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem, a dozen sprays making as fine a showing as a dozen large white carnations and can be used instead of them for decorative purposes. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
R. Fischer, Great Neck, L. I., N. Y.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

California field-grown freesia bulbs. Per 1000: ¼ to ⅜, $1.25; ⅜ to ½, $2.05; ½ to ⅝, $3.35; mammoth, $6.40. Express prepaid. Rates quoted on orders of 5000 or over.
H. N. Gage, Burnett, Cal.

Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi, write for prices, stating number wanted.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs for August delivery. Paper white narcissus for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Narcissi. For early forcing try our Golden Spur; can be forced for Christmas; $17.50 1000, $170.00 10,000. N. Le Page, Mt. Vernon, N. Y.

Freesias, Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for prices. Rees & Compere, Long Beach, Cal.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CACTI.

Cacti in 10 select varieties, $7.00 per 100. Old Man cactus, 4 to 5-in., $20.00 per 100. Carriage paid.
J. A. McDowell, Ap. 167, City of Mexico, Mex.

CALADIUMS.

Caladium esculentum, large plants from 4-in. pots, $1.50 per doz.; $10.00 per 100.
Wagner Park Conservatories, Sidney, O.

Caladiums. Nice, started plants, 2 to 3 leaves, $1.50 per doz.
Highland Park Greenhouses, Highland Park, Ill.

CANNAS.

Cannas L. E. Bailey, Alsace, Alemannia, Austria and Burbank, strong pot plants, $3.00 per 100; $25.00 per 1000.
Wagner Park Conservatories, Sidney, Ohio.

Surplus 600 cannas, Burbank and mixed, strong 3-in., $4.00 per 100.
Ludwig Mosbaek, Onarga, Ill.

Cannas, $8.00 and $10.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

CAREX.

Carex japonica variegata, 2¼-in., $3.00 100.
N. Smith & Son, Adrian, Mich.

CARNATIONS.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
Bountiful	6.00	50	Flamingo	6.00	..
Mrs. Patten	6.00	50	B. Market	2.50	20
N. Fisher	7.00	60	The Queen	2.50	20
Daheim	6.00	50	Mrs. Lawson	2.50	20

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $12.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Red Sport, the most profitable red carnation ever introduced. Strong 2¼-in. pot plants, ready for field or bench, $6.00 100; $50.00 1000.
A. B. Davis & Son, Purcellville, Va.

Carnations Queen and Boston Market, strong transplanted, well hardened off, $2.00 per 100; $15.00 per 1000. Cash.
Stabenow Bros., Reading, Pa.

Carnations. Queen Louise, $2.00 100, $20.00 1000; Joost, $2.00 100, $15.00 1000. Fine from flats to plant. Cash.
Benj. Connell, West Grove, Pa.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

Carnation, chrysanthemum and violet rooted cuttings. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Flora Hill carnation, $10.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

CENTAUREAS.

Centaurea Dusty Miller, 2¼-in., extra fine, $2.00 per 100; 40c per doz.
Harmon & Henderson, Iola, Kan.

Dusty Miller and gymnocarpa, 2½-in., $2.50 100. S. V. Smith, 63 Goodman St., Phila.

Centaurea Dusty Miller, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

We have ready to ship, out of SOIL, the following varieties, all good stock:

White.	100	Pink.	100
Estelle	$2.00	Duckham	$3.00
Kalb	2.00	Pacific	2.00
Robinson	2.00	Pink Ivory	2.00
Polly Rose	2.00	M. Newell	2.00
Wanamaker	2.00	Shaw	2.00
Eaton	2.50	Cobbold	3.00
White Bonnaffon	2.00	Balfour	3.00
Snow Queen	2.00	Perrin	2.00
Merry Xmas	2.00	Liger	2.00
H. Plumridge	3.00	L. Queen	2.00
W. Mayflower	2.00	Richardson	2.00
Ivory	2.00	Murdock	2.00
Jerome Jones	2.00	Viviand-Morel	2.00
Yellow.		Yellow.	
Oct. Sunshine	2.00	Thirkell	3.00
Monrovia	2.00	Pockett	3.00
Yellow Eaton	2.50	Vallis	3.00
Bonnaffon	2.00	Kimberly	3.00
Appleton	2.00	Omega	2.00
Yellow Jones	2.00	Red.	
Y. Mayflower	2.00	Oakland	2.50
Golden Beauty	2.00	M. Labbe	2.50
Mournier	2.00	Black Hawk	2.50
G. Wedding	2.50	Write for 1000 rates.	

WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums, fine, thrifty 2¼-in. pot plants.

Glory of Pacific	Polly Rose
Mrs. Weeks	Black Hawk
Major Bonnaffon	Modesto
$2.00 per 100.	
Minnie Bailey	H. Robinson
Nellie Pockett	The Queen
Niveus	Percy Plumridge
Viviand-Morel	Col. Appleton
Marie Liger	Robt. Halliday
$2.50 per 100.	
Golden Chadwick	Wm. J. Bryan
A. J. Balfour	Wm. Duckham
E. J. Salter	Thirkell
Lord Salisbury	Goldmine
White Maud Dean	Pink Maud Dean
Golden Beauty	Lady Harriett
$3.00 per 100.	

JOHN DIECKMANN & CO., Wheeling, W. Va.

CHRYSANTHEMUM CUTTINGS.

Strong well-rooted cuttings, true to name. Ben Wells, Mrs. E. Thirkell, Princess, F. S. Vallis, Mrs. T. W. Pockett, Mildred Ware, Nellie Pockett, Black Hawk, Golden Trophy. Helen Bloodgood, Ivory, Pink Ivory, John Shrimpton, Monrovia, Mutual Friend, Mme. F. Perrin, Nagoya, W. H. Lincoln.

Above varieties, $1.50 100; $12.50 1000.

Wm. Duckham, Leila Filkins, Dr. Enguehard, Maud Dean, White Maud Dean, Golden Chadwick, $2.00 100; $15.00 1000.

F. A. Cobbold, Gen. Hutton, Henry Barnes, S. T. Wright, $3.00 100.

Small lots can be sent safely by mail. Postage costs at the rate of 5c per 100 cuttings.
The Wm. Scott Co., Corfu, N. Y.

Chrysanthemums, 2¼-in. pot plants, $2.50 per 100; $20.00 per 1000.

W. H. Rieman	Ivory
W. A. Richardson	Col. D. Appleton
J. R. Tranter	Silver Wedding
Geo. S. Kalb	Yellow Monarch
Mme. Perrin	W. H. Lincoln
Marie Liger	Dr. Enguehard
T. Eaton	Merry Xmas
H. Bloodgood	Yanoma
Estelle	S. T. Murdock
Nellie Pockett	Cremo
Columbia	W. Bonnaffon

C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum rooted cuttings from cool grown stock of the following varieties: American Beauty, beautiful dark pink; Dr. Enguehard, $4.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, Robinson, Nellie Pockett, Bonnaffon, Maud Dean, Merry Christmas, $1.50 per 100, $12.50 per 1000. Cash with order, please.
G. F. Neipp, Aqueduct, L. I., N. Y., Jamaica P. O., Woodhaven Station.

Chrysanthemums Ida Barwood, Mrs. Cadbury, Golden Wedding, Alice Byron, Marion Henderson, Silver Wedding, White and Yellow Jones, Nellie Pockett, Duckham and Dr. Enguehard, 2½-in. pots, $3.00 100; rooted cuttings, $2.00 100. Ben Wells, John Burton and Helen Frick, 2½-in. pots, $4.00 100; rooted cuttings, $3.00 100. Cash. Critchell's, Avondale, Cincinnati, O.

Rooted chrysanthemum cuttings. Black Hawk, Cullingfordii, Eaton, Mrs. J. Jones, W. Bonnaffon, Bonaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Lager, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.
Olson & Lunden, Plantsville, Conn.

Chrysanthemums. William Duckham, Nellie Pockett, Bonnaffon, Mrs. J. Jones, Willowbrook, Robt. Halliday, Pacific, Estelle, Mrs. H. Robinson, 2¼-in. pots, fine plants, $2.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Chrysanthemums, 2-in. stock of Wm. Duckham, Dr. Enguehard, Ben Wells and Donald McLeod, $3.50 per 100; rooted cuttings from sand, $2.00 per 100.
R. Engelman & Son, Pittsfield, Mass.

Rooted chrysanthemum cuttings. Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 1000. Eli Cross, Grand Rapids, Mich.

Chrysanthemum novelties and standard kinds. If you are short of stock for planting write. Have a good stock on hand. Prices right.
Chas. H. Totty, Madison, N. J.

Chrysanthemums ready now. Majestic, white; Madonna, pink; Adelia, white. No better varieties grown. Write for prices.
J. BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemums, rooted cuttings and pot plants. For varieties and prices see display adv. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum cuttings from soil, Pres. Smith and Queen, $1.25 100; $10.00 1000. Cash.
Chase & Son, New London, O.

Wm. Duckham, Dr. Enguehard, strong 2½-in. pot plants, $2.00 per 100; $17.50 per 1000.
Henry Eichholz, Waynesboro, Pa.

Chrysanthemums, all the best commercial kinds, $1.00 to $2.00 100.
Burdell Floral Co., Bowling Green, Ky.

Chrysanthemums. Standards and novelties, 2-in., $2.00 100. C. Winterich, Defiance, O.

Chrysanthemums in sand and 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis, large-flowering and paniculata. Climbing vines, leading varieties.
Jackson & Perkins Co., Newark, New York.

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Hardy VINES and CLIMBERS. Clematis, bignonia, Wistaria sinensis, honeysuckle, hardy English ivy, Ampelopsis Veitchii, Aristolochia sipho (dutchman's pipe), etc. All strong, thrifty stock and will give complete satisfaction.
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Cobaea scandens, fine stock from 4-in. pots, from trays, $2.00 per 100. Cash.
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Cobaea scandens, 2¼-in., $2.00 per 100; 3-in., extra fine, staked, $4.00 per 100.
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Cobaeas. Extra fine, 5-in. pots, 4 to 5 ft., bushy, $15.00 per 100.
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Cobaeas, 4-in., bushy, 18 in. high, nicely tied up, $5.00 per 100.
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Cobaea scandens, extra strong plants, $3.00 per 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Cobaea scandens, 4-in., large, $5.00 per 100.
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Cobaea scandens, from 3-in., staked, $4.00 100.
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Cobaeas, 3-in., $4.00 per 100.
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Rooted cuttings of Golden Bedder and C. Verschaffeltii, $6.00 1000; mixed, $5.00 1000. In pots, 2¼-in., $15.00 1000. Ready now. Cash.
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Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
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Coleus. Verschaffeltii, 2 and 2¼-in., $2.00 100; $18.00 1000; rooted cuttings, 60c 100. Golden Bedder, 2 and 2¼-in., $2.00 100; rooted cuttings, 60c 100. Assorted coleus, 2¼-in., $1.50 100. Cash.
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Coleus Verachaffeltii, Golden Bedder, Firebrand, rooted cuttings, 75c 100; $6.00 1000. Send for price list.
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Coleus rooted cuttings, 12 best bedders, 60c per 100; $4.00 per 1000; 2-in., 1½c. Cash.
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Coleus, 2½-in., $2.50 100; 3-in., $5.00 100. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Coleus Golden Bedder, 2¼-in., $15.00 per 1000. Cash. Roney Bros., West Grove, Pa.

Coleus Golden Bedder, 2-in., $2.00 100. Cash.
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Coleus, 2-in., $2.00 per 100, $18.00 per 1000.
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Coleus, 12 best varieties, 2-in., $2.00 per 100.
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Coleus, 2½-in., 2c.
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Crassula hybrida, sample plants in bloom, $1.50 each; $15.00 doz. Young stock, 2½-in. pots, able to make good plants for next season, $3.00 doz.; $15.00 100. Cash.
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Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors, $4.00 per 100; $35.00 per 1000; 2½-in., $5.00 per 100.
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Cyclamen plants. Seed taken from only selected flowers and well-built stock. None better. Once transplanted, $2.00 100, $18.00 1000; twice transplanted, $3.00 100, $25.00 1000.
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New dahlias of proven merit. All exquisite in form, shape and coloring. Send for descriptive catalogue.
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Dahlia roots, good selection of standard varieties, mixed, $1.50 per 100; $10.00 per 1000.
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Shasta daisy, 3-in., $3.00 100.
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Deutzia gracilis, pot-grown, just coming into flower. In fine condition for shipping and immediate use, 25c each, $2.50 doz., $20.00 100.
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Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
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Dracaena indivisa, extra strong, from 5-in. pots for vases, $25.00 per 100. Write for prices on larger lots. H. A. Jahn, New Bedford, Mass.

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Dracaenas, all sizes. Write.
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Echeveria secunda glauca, 2½-in., good, $3.00 per 100. E. G. Bunyar, Independence, Mo.

Echeverias, $3.00 per 100.
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Farfugium grande, nicely colored, very strong, 2½-in., 200 for $9.00. Cash. Must be taken at once. N. P. Colberg, Morris, Ill.

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Fern spores in all florists' best sorts. Adiantum, aspidium, gymnogramme, cyrtomium, lastrea, lomaria, Cibotium Schiedei, nephrodium, nephrolepis, onychium, pteris; trade pkt., large, 50c; pkt., 20c. Contracts made now for delivery in June and July of all above ferns in flats and from 2¼-in. pots. Send for complete list.
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2½-inch, $2.00 per doz.; $12.50 per 100. 8-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
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Nephrolepis Scotii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
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Boston ferns, all sizes. Write.
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Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
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Forget-me-nots, 2½-in., 2c.
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Fuchsias, finest mixed, bud and bloom; 2-in., $3.00 per 100, 60c doz.; 4-in., $10.00 per 100, $1.50 per doz. Harmon & Henderson, Iola, Kan.

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Fuchsias, $2.50 100.
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Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
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25,000 geraniums out of 3½-inch pots, fine stocky plants, in bud and bloom. Nutt, Poitevine, Gloire de France, Montmort and La Favorite, $6.00 per 100; A. Ricard, $7.00 per 100. Above out of 4-in., $7.00 per 100.
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Mme. Salleroi geranium. We have a few hundred fine 2½-in. plants to spare, well-grown, bushy stock at $3.50 per 100.
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Geraniums, in bud and bloom. Nutt, Poitevine, La Favorite, Jean Viaud, Mme. Bruanti, Heteranthe, Vera Vend, Mme. Landry, Mme. Barney, 3½-in., $7.00 per 100; $60.00 per 1000. Mme. Salleroi, 2-in., $3.00 per 100; $25.00 per 1000. The Parker Greenhouses, Norwalk, Ohio.

Geraniums. A score of the very best, new varieties. See classified adv. April 13. A few more 3-in., $5.00 per 100. A lot of 2-in. soon ready, $4.00 per 100. Every plant labeled. Cash with order.
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10,000 geraniums in bud and bloom, ready to ship at once. Good standard varieties, 3½ and 4-in., 6 and 7 cents. Speak quick. Cash, please.
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Geraniums, extra large plants from 4-in. pots, in bud and bloom; Double Gen. Grant, John Doyle, S. A. Nutt and Jerome, $8.00 per 100.
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Geraniums. S. A. Nutt, 2½-in., $3.00 100. Mme. Salleroi, 3-in., $5.00 100. Assorted geraniums, 3-in., $4.50 100. Cash.
R. I. Hart, Hackettstown, N. J.

Mme. Salleroi, 3-in., 3c; S. A. Nutt, 2½-in., 3c; 3-in. Trego, 4-in. La Favorite, extra fine, and 3-in. rose geraniums, 6c.
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Geraniums, 4-in., bushy plants in good bedding varieties, $7.00 per 100. Mme. Salleroi, 3-in., $4.00 per 100. Cash.
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Geraniums, 4-in., 7c. None better. S. A Nutt and A. Ricard. Full of buds and blooms. Cash. Frank Berry, Stillwater, Minn.

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Ivy geraniums, three best varieties in white, light pink and dark pink, 2¼-in., $3.00 100.
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Geraniums, 3-in., S. A. Nutt, pink, white and scarlet, $5.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

Geranium Mme. Salleroi, 3-in. pots, fine plants, $3.00 per 100.
The Stover Floral Co., Grandville, Mich.

500 Mme. Salleroi geraniums, strong 2½-in., $3.00 100. White's Conservatory, Sandusky, O.

Mme. Salleroi geraniums, 2-in., $2.00 100, $18.00 1000. C. Winterich, Defiance, O.

Geraniums, 3-in., to close, $4.00 100. Cash.
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Geraniums, strong, mixed, 4-in., $7.00 100.
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Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

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Hardy plants and shrubs for outdoor planting; fine ornamental stock for landscape work; H. P. roses, Crimson Ramblers, climbing plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices. For the trade only. Van der Weijden & Co., Boskoop, Holland.

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Gleehoma variegata. A large, healthy lot of this most useful vine in 2½-in. pots, $3.00 100.
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Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
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Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
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Carnations, hardy garden; one year, fine, bushy plants, $3.00 per 100.
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Hardy carnation, Marguerite, 2¼-in., $1.50 100; $12.50 1000. Cash.
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Specimen evergreens in assortment. Prices upon application.
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Ornamental shrubs and trees. A fine assortment.
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For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Hardy gaillardia, Gypsy Queen, 2½-in., $2.50 100. Young & Sons Co., Olive St., St. Louis, Mo.

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Hall's and Golden, field stock, 6c.
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Hibiscus. Peachblow, Grandiflora, and Violacea, 3-in., $3.00 per 100.
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Hydrangea Otaksa, 4 to 6-in. pots, $3.00 to $4.00 per doz.
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Impatiens Sultani, $2.00 per 100.
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English ivy, 170 3-in., 2-yr.-old, 4c each. 110 4-in., 3-yr.-old, 10c each. German ivy, rooted cuttings, 75c per 100; 2-in., extra strong, $2.00 per 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

English ivy, 2-in., $2.00; 2½-in., $2.50; 4-in. (plants in pot), $8.00 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

English ivy, 2¾-in., strong, $2.50 per 100. Parlor ivy, 2½-in., fine, $2.00 per 100.
E. G. Bunyar, Independence, Mo.

German ivy, 2¼-in., $1.50 100. English ivy, 2½-in., 3c; 3½-in., 6c each. Cash.
R. I. Hart, Hackettstown, N. J.

Hardy English ivy, 3-in., $4.00 per 100; 2-in., $2.00 per 100.
The Parker Greenhouses, Norwalk, Ohio.

English ivy, 3½-in., strong, $1.50 doz.; $10.00 100. Cash. Fletcher, Auburndale, Mass.

English ivy, 2-in. pots, $2.00 per 100. Cash.
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German ivy, rooted cuttings, 75c per 100.
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English ivy, extra fine, 4-in., $1.50 doz.
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English ivy, fine, bushy plants, 15c.
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Parlor ivy, 2½-in., $2.50 100.
S. V. Smith, 63 Goodman St., Phila.

German ivy, 2¼-in., 3c.
O. L. Baird, Dixon, Ill.

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Lantanas, 5 varieties, 2¼-in., $2.00 100; $17.50 1000. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, 2½-in. pots, bud and bloom, $2.50 per 100. E. G. Bunyar, Independence, Mo.

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Pot-grown Mme. Lemoine and Marie Legraye just coming into flower and in fine condition for shipping and immediate use, 75c each, $6.50 doz., $50.00 100.
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Cold storage valley pips, in cases of 3000. $10.00 per 1000.
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Valley pips, best German forcing.
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Lily of the valley. Write
H. N. Bruns, 1409 W. Madison St., Chicago.

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Dwarf blue lobelias, rooted cuttings, $1.00 100, $8.00 1000; 3-in. in bud and bloom, $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
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Trailing lobelia, 2-in., $2.00 100.
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Lobelias compacta and speciosa, 2¼-in., $1.00 100. J. S. Bloom, Riegelsville, Pa.

MANETTI STOCKS.

Manetti stocks for fall delivery, well rooted, fine stock, 6 to 12 mm., $5.00 1000; $400.00 100,000. M. Gielen, Oudenbosch, Holland.

MAURANDIAS.

Maurandia, new giant blue. For description and prices, see display adv. in issue of May 18, of the Review, page 1605.
Wm. Bierstadt & Son, Springfield, Ill.

Maurandia vine, alba; thrifty stock in 2½-in. pots, in bud and bloom, $3.00 100.
N. Smith & Son, Adrian, Mich.

BUSINESS BRINGERS—
REVIEW Classified Advs.

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Moonvines, 4-in., $10.00 100; 2½-in. stock, $2.50 100. Cash.
National Plant Co., Dayton, O.

Moonvines, white, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
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Moonvines, white, 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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PURE CULTURE mushroom spawn, 15c per lb., $1.25 per 10 lbs., $10.00 per 100 lbs. ENGLISH VIRGIN spawn, fresh importation, 8c per lb., 75c per 10 lbs., $6.00 per 100 lbs.
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Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
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Nasturtiums. Double red, one of our best things for vases and boxes, always in bloom, 3½-in., excellent stock, $12.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

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Nicotiana Sanderae, new red-flowered tobacco; everybody will want it; per doz., $1.00; per 100, $7.00. J. Sylvester, Oconto, Wis.

Nicotiana Sanderae, 2¼-in., $1.00 doz.
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Orchids. Before removal I desire to dispose of about 50 hybrid cattleyas, laelias and laeliocattleya, duplicate plants. Also a few hundred established cattleyas; labiata, Mossiae, Mendelii, Schroederae and Trianae. Prices, 5-7 bulbs, $1.50; 7-9, $2.00; 9-12, $2.50; 12-15, $3.00; 15-20, $3.50; 20-25, $5.00 each. Hybrids, $5.00 each, while they last.
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Fresh importation of CATTLEYA TRIANEA just received in fine condition. We offer them until sold at $55.00 per case, original case of 40 to 50 plants.
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Othonna crassifolia, an indispensable vine for filling. Extra strong plants in 2¼ and 2½-in. pots, $3.00 100.
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BUSINESS BRINGERS—
REVIEW Classified Advs.

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Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 100, 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
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Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
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Palms and decorative plants.
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Philadelphia-grown palms.
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Pansies, northern grown, twice transplanted, bushy, and in bud and bloom, of Vaughan's International, Paris Market, Bugnot, Masterpiece, Mme. Perret, Giant Yellow, White Beaconfield, Bronze, etc. Mixed or separate, $1.50 per 100. Too large to mail. J. Sylvester, Oconto, Wis.

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Pansies, extra fine, field-grown plants, giant mixture, $1.25 per 100; $10.00 per 1000.
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Giant pansies, extra fine strain in bloom; nice large clumps, $1.25 per 100.
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Pelargoniums, our selection of 30 varieties, all in bud and bloom, 3½-in., good as any 4-in., $10.00 per 100; 2½-in., $5.00 per 100.
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Pelargoniums, double white, 5-in., 20c; 6-in., 30c. Cash.
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Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

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Petunias, 2¼-in. Dreer's double, mixed, $2.50 100. Dreer's superb single, mixed, $2.00 100, $15.00 1000. Fine, mixed, $1.50 100, $12.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Dreer's fancy double petunias, heavy, well branched, in bloom, 3 and 3½-in., $6.00 per 100.
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Dbl. fringed petunias, in bud; 2½-in., $2.00 100; 3-in., $4.00 100. Cash, please. Can ship at once. Krueger Bros., Toledo, O.

Petunias, Howard's Star and California, 3 and 4-in. pots, $3.00 to $5.00 per 100.
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N. Smith & Son, Adrian, Mich.

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Seedling petunias, 2½-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Double white petunias, 3-in., $6.00 100.
S. V. Smith, 63 Goodman St., Phila.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Seedling petunias, $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

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Hardy phlox, named, 8 varieties, $3.00 100; $25.00 1000. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Hardy phlox, $2.50 100.
National Plant Co., Dayton, O.

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DOUBLE POINSETTIAS keep longer and brighter than the single. Good plants from 3-in. pots, $1.75 per doz. J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
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Privet, 12 to 18 inches, $7.00 1000; 18 to 24 inches, $10.00; 2 to 3 feet, $15.00 1000. Mention the above prices when ordering.
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ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
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Chatenay	3.00	25	English	25.00	200.00
Godesberg	5.00	40	Uncle John	3.00	25.00
Liberty	5.00	45	Bride	3.00	25.00
Kaiserin	3.00	25	Ivory	1.50	12.50
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American Beauty, bench plants, $5.00 100; $40.00 1000.
All plants sold under express condition that if not satisfactory they may be returned.
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Bride, Bridesmaid, Kaiserin, Carnot and Liberty, extra large plants, $15.00 per 100; $120.00 per 1000.
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Bride, Maid, Kaiserin, Carnot and Liberty, extra large plants, $4.00 per 100; $35.00 per 1000.
American Beauty, $6.00 per 100; $50.00 per 1000.
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Young stock out of 2-inch pots, ready to ship.

	100	1000
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Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses.	100	1000		100
Beauties, 2½-in.	$5.00	$45	3½-in.	$7.00
Chatenay, 2½-in.	4.00	30	3½-in.	5.00
Uncle John, 2½-in.	4.50	40	3½-in.	6.00
Bridesmaid, 2½-in.	4.00	35	3½-in.	5.50
Golden Gate, 2½-in.	3.50	30	3½-in.	5.00

Cut back, bench Beauties, $45.00 1000. Meteor, Maid, Bride, Gate, Chatenay, Perle, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Surplus stock of standard varieties of everblooming bedding roses. Strong, healthy stock from 2½-in. pots, Bride, Bridesmaid, White Maman Cochet, Mary Washington, Queen's Scarlet, etc. Strictly our choice of varieties in good assortment, $2.00 100; $17.00 1000.
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Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
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Grafted roses for forcing. Free from mildew. Liberty, rose pots, $15.00 100; 3½-in. pots, $18.00 100; Maid, Bride, Golden Gate, Kaiserin, rose pots, $10.00 100; $95.00 1000; 3½-in. pots, $15.00 100; $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

Roses, grafted for delivery now and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Franz Deegen, $15.00 per 100; Killarney, $16.00 per 100. Send for catalogue of other varieties.
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Surplus rose stock, fine, clean and cool-grown. Beauties, 2-in., $4.00; 3-in., $5.50 to $6.00 100. Bride, Maid, Kaiserin and Chatenay, 2-in., $2.50; 3-in., $3.50 100. Ivory, 2-in., $1.50; 3-in., $2.00 100.
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Good roses, ready to plant now, well-grown plants. Bride, Maid, Gate, Ivory, Hermosa, nice plants, 2¼-in., $3.00 100; 3-in., $5.00 100. Meteor and Canadian Queen, 2¼-in., $3.00 100; 3-in., $6.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
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Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2½-in. pot plants, $2.50 doz.; $17.50 100; $150.00 1000.
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Roses. American Beauty, 2-in., $5.00 100. Our selection of 2-yr.-old roses, 4-in. pots, 40 varieties, $6.00 100. Our selection, 40 varieties, 2-in. pots, $15.00 1000.
National Plant Co., Dayton, O.

Roses. Perles, 3-in., $4.00; Brides and Maids, 2½ and 3-in., $3.00; Golden Gate, 4-in., $4.00, Ivory, 2-in., $3.00, 4-in., $5.00 100.
W. B. Sands, Lake Roland, Balto., Md.

Rose plants. Hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc.; for prices and varieties see display adv. in this issue.
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Roses, 3-in. stock. American Beauties, $6.00 per 100. La Detroit, $8.00 per 100. Chatenay, Perle and Sunrise, $5.00 per 100.
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Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices.
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The new rose, WELLESLEY, own root plants, $25.00 100.
Waban Rose Conservatories, Natick, Mass.
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We have 300,000 roses, 2 and 4-inch pot plants, extra fine. Send for prices and varieties. Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Bride, Bridesmaid and Golden Gate, extra strong stock out of 3-in. pots, $4.00 100; $35.00 1000. John C. Hatcher, Amsterdam, N. Y.

We have a limited supply of extra fine plants of Chatenay, Uncle John, and Perle. Write us.
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American Beauties, strong plants lifted from bench for June delivery. Write for prices.
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50,000 roses grown especially for the trade. Order now; we ship when wanted. Write
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Brides and Maids, fine 2½-in. stock, ready for 3-in., $25.00 1000; 3-in., $30.00 1000.
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Roses, 3-yr.-old grafted Kaiserins, in 6-in., now in bud ready to plant, $10.00 100.
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American Beauty plants, a fine lot from 2½-in. pots, $4.00 100; $35.00 1000.
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La France roses, strong 4-in. plants, $15.00 100. Cash.
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Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

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Salvia Bonfire, extra fine stock, in bud and bloom, 4-in., $10.00 per 100; 3½-in., $7.00 per 100.
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A1 Salvia splendens, 2-in., at $1.50 per 100; $15.00 per 1000. Owing to recent fire must have cash. S. W. Carey, North End Florist, Urbana, O.

Salvias splendens and Bonfire, extra strong, 2, 3 and 4-in., $1.25, $2.00 and $3.00 per 100; $10.00, $15.00 and $25.00 1000.
Wm. S. Herzog, Morris Plains, N. J.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

1000 scarlet sage, Bonfire, strong, 2¾-in. pots, fine and bushy, $3.00 per 100. This is extra fine stock. F. E. Cremer, Hanover, Pa.

Salvia splendens, in bud, 2½-in., $2.00 100; 3½-in., $4.00 100. Cash, please. Can ship at once. Krueger Bros., Toledo, O.

Salvia Bonfire, strong plants from 2-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Salvia splendens, fine 2½-in., $2.00 100; $17.50 1000. Leedle Co., Springfield, Ohio.

Salvias. Nice 3-in. Bonfire, $20.00 1000. Cash.
Roney Bros., West Grove, Pa.

Salvia splendens, 4-in. pots, $6.00 per 100.
The Stover Floral Co., Grandville, Mich.

Salvia splendens, 2-in. pots, $1.50 per 100.
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Scarlet sage, 3-in., $5.00 per 100. Cash.
John H. Trentmann, Delphos, Ohio.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvia splendens, 2-in., $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Salvia Silverspot, 2-in., 1½c. Cash.
Byer Bros., Chambersburg, Pa.

Salvia Bonfire, 3-in., $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Salvia Bonfire, 4-in., $5.00 per 100.
S. J. Bunting, Elmwood & 58th, Phila., Pa.

1000 2-in. salvias, $2.00 per 100.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Salvia, 2½-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Salvia splendens, $2.00 per 100.
C. L. Reese, Springfield, Ohio.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, $2.00 100.
National Plant Co., Dayton, O.

SANTOLINAS.

Santolinas, 2-in., $2.00 per 100, $18.00 per 1000. C. Winterich, Defiance, Ohio.

SEEDS.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Cineraria, finest large flowering, dwarf, mixed, 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

England's prize strains of cineraria and Chinese primrose. English prize dwarf, mixed; half dwarf, and James' giant strain, ½ trade packet, 60c; trade packet, $1.00. Primula Sinensis (Chinese fringed primrose). English prize fringed, mixed, 100 seeds, 20c; 500 seeds, $1.00; 1000 seeds, $1.75. Obconica grandiflora, mixed, trade packet, 30c. Stellata (star primula), trade packet, 50c. Forbesi (Baby primrose), 40c trade packet.
Johnson & Stokes, 217-219 Market St., Phila.

Seeds of QUALITY for present sowing. Primula sinensis, MAGNIFICENT, mixed; sinensis, separate colors; obconica, rose and crimson, mixed; Cineraria grandiflora, dwarf, mixed; Mignonette, Boddington's MAJESTY. Price, trade pkt., $1.00; ½ trade pkt., 60c.
A. T. Boddington, 342 W. 14th St., New York.

Primula, fringed Chinese, Alba magnifica, Chiswick Red, blue, Kermesina splendens, striped or mixed, ½ trade packet, 60c; trade packet, $1.00. Cineraria, gold medal mixture, tall or dwarf, ½ trade packet, 60c; trade packet, $1.00.
Henry Philipps Seed Co., Toledo, O.

Asparagus plumosus nanus seed, lath-house grown, $1.75 per 1000. Smilax seed, $1.25 lb. Canna seed, mixed, Crozy's, $1.00 lb. Crop of 1905. Cash with order. E. Fleur, Oak Grove Nurseries, 406 N. Los Angeles St., Los Angeles, Cal.

Genuine Bermuda onion seed grown and exported by us. Write for prices at once. Orders accepted only from wholesalers and the best of references required.
Wildpret Bros., Port-Orotava, Teneriffe, Canary Islands.

Asparagus plumosus nanus, 99% germination, 30c 100; $2.00 1000; $9.00 5000. Sprengeri, new crop, 15c 100; $1.00 1000; $4.00 5000.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
J. C. Schmidt Co., Bristol, Pa.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Sweet or Sugar Corn—
Crosby's Extra Early, selected, per bu....$2.00
Country Gentlemen, per bu..... 2.50
Chas. B. Hornor & Son, Mt. Holly, N. J.

Asparagus plumosus nanus seed, local grown, this season's crop, lots of 5000 or more, $2.00 1000.
S. Feast & Sons, 331 N. Charles St., Baltimore.

Home-grown Lilium tenuifolium seeds.
Fred Burdett, Clifton, New York.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Asparagus plumosus nanus seed just ripening. Send for free sample, J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c.
Wm. Linfoot, N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Reliable seeds. For list of varieties and prices see display adv.
O. V. Zangen, Hoboken, N. J.

Lawn grass seed in bulk and packages. Special price to dealers.
The Albert Dickinson Co., Chicago.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for the florist. Catalogue free.
W. W. Rawson & Co., Boston, Mass.

FLOWER SEEDS FOR LATE FLOWERS.
For varieties and prices see display adv.
H. F. Michell Co., 1018 Market St., Phila.

A few thousand Ampelopsis Veitchii seed, $1.00 per lb. H. Steinmetz, Raleigh, N. C.

Pansy seed ready in July, $4.00 oz.
Jos. H. Cunningham, Delaware, O.

SEEDLINGS.

Seedlings. Gaillardia gr. fl., mixed; sweet williams, double, mixed; cosmos, tall, mixed; hollyhock, mammoth, extra choice, mixed; pansy, extra choice, mixed; Aster Imp. Victoria, apple blossom; Aster Imp. Victoria, light blue; Aster Imp. Victoria, white, 40c per 100. Postpaid. Cash or C. O. D.
J. H. Dann & Son, Westfield, N. Y.

SMILAX.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

Smilax from seed bed, 25c per 100; $2.00 per 1000, postage paid.
Harvey B. Snow, Camden, New York.

Smilax, fine plants, 2¼-in., $1.25 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2¼-in., $2.00 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100; $12.50 1000. 2½-in., $2.50 100; $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, 2½-in., 40c per doz.; $2.00 per 100.
Harmon & Henderson, Iola, Kan.

2000 stevia cuttings, 75c per 100.
Faber Bros., Kankakee, Ill.

STOKESIAS.

Stokesia cyanea, fine pot plants, 4c. Cash.
Benj Connell, West Grove, Pa.

Stokesia cyanea, 2-in., $2.00 100.
National Plant Co., Dayton, O.

SWAINSONAS.

Swainsona, white, 4-in. pots, $8.00 100.
S. V. Smith, 63 Goodman St., Phila.

UMBRELLA PLANTS.

Umbrella plants, 2¼-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

VEGETABLE PLANTS.

TOMATOES—Earliana, Chalk's Early Jewell, Dwarf Stone, Dwarf Champion, etc., 30c per 100, $2.00 per 1000. Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000. Ready for transplanting.
CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.
BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.
PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Millions of celery, cabbage, sweet potato, tomato and all other plants. See my display adv. in this issue.
Ludvig Mosbaek, Onarga, Ill.

VEGETABLE PLANTS—Continued.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

PIERSON—Extremely early and the greatest yielder of any variety in cultivation. The tubers are light yellow or straw color, of good shape and fair quality, a splendid keeper, $2.00 per 1000.

VINELAND BUSH—Yellow variety, grows in true bush form, productions of good shape and fine quality, $2.25 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 50c per 100; by mail.

A large stock of stout, healthy plants now ready. Cash with order.

H. AUSTIN, Felton, Del.

SWEET POTATO PLANTS.

Yellow Jersey, Red Yams, Southern Queens and Red Jersey, 20c per 100; $1.25 per 1000.

Late cabbage—Flat Dutch, Harris' Perfection, Drumhead and Danish Ballhead, 15c per 100; $1.00 per 1000.

Tomato plants — Stone, Maule's Imperial, Dwarf Tree or Champion, 15c per 100; $1.00 per 1000.

S. J. McMichael, 142 Larkins St., Findlay, O.

Early cabbage plants, stocky, twice transplanted, ready for setting, $2.50 per 1000; $2.00 per 1000 on orders for 5000 or over. All sizes of tomato plants. Write for price list of other vegetable and pansy plants, all the standard varieties. Sample plants mailed.

Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Cabbage—E. J. Wakefield, $2.00 1000; Succession, from seed bed, $1.50 1000. Tomatoes—Dwarf Champion, $2.50 1000. 3000 Beauty, strong, transplanted, $5.00 1000, the lot for $12.00. F. Griswold, Worthington, O.

Tomatoes—Best varieties, 40c 100; $3.00 1000. H. F. Janssen, 109 N. State, Springfield, Ill.

Tomato plants, $8.00 1,000. Cash.
Converse Greenhouses, Webster, Mass.

Egg plants, 2¼-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

VERBENAS.

Verbenas. If you want well-grown plants, 2½-in. stock, in bud and bloom, we have them at $3.50 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbena seedlings. Mammoth J. & S. strain, in separate colors, 40c per 100, $3.50 per 1000. Prepaid. Harvey B. Snow, Camden, New York.

Mammoth verbenas, separate colors, 2 and 2½-in. pots, $1.00; mixed, from trays, 50c 100. Cash. J. J. Arnold, Homer, N. Y.

Verbenas, 10 large flowering varieties in separate colors, 2½-in., $2.00 per 100.
Jas. D. Hooper, Richmond, Va.

Lemon verbenas, strong and bushy, 3-in., $4.00 100. Young & Sons Co., Olive St., St. Louis, Mo.

Verbenas, 3-in. pots, fine plants, $3.00 per 100. The Stover Floral Co., Grandville, Mich.

Verbenas, 2¼-in., $1.50 100.
J. S. Bloom, Riegelsville, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

VINCAS.

50,000 Vinca major var., 2-in. pots, $1.50 per 100; $13.00 per 1000. Transplanted, $1.00 per 100; $8.00 per 1000.
P. J. Agnew, Springfield, Ohio.

20,000 Vinca var., strong plants, 3-in., $5.00; 2½-in., $3.00; 2-in., $2.50 per 100. Cash. All worth the money.
Ludvig Mosback, Onarga, Ill.

Vinca major, 3½ and 4-in., very strong, stocky vines, $10.00 per 100.
Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Vinca var. major, 2-in., $2.00; 4-in., $7.00. R. C., $1.00 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Vincas, 1200 4-in., strong plants, to close out, $7.00 per 100. A bargain.
O. A. Stoll, Oxford, Mich.

Vincas, from 4-in. pots, $6.00 per 100; variegata, 2-in., $1.50 100. Cash.
J. J. Arnold, Homer, N. Y.

Vinca variegata, fine plants, 3-in., $3.50 per 100. Satisfaction guaranteed.
Henry Engler, 4651 Lancaster Ave., Phila.

Vinca variegata, 500 5-in., $12.00 100; 500 4-in., $10.00 100. Cash.
Paul Brummer, Corona, L. I., N. Y.

Vincas, 3-in., 3 to 4 leaders, strong, $6.00 per 100. Cash.
John H. Trentmann, Delphos, Ohio.

Vincas, 4-in. pots, strong plants, $6.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Myrtle (vinca minor), $10.00 and $20.00 per 1000. S. J. Galloway, Eaton, Ohio.

Major var., 2½-in., extra strong, $2.00 100; $15.00 1000. Leedle Co., Springfield, Ohio.

Periwinkle, variegated; 4-in. pots, $7.00 100.
S. V. Smith, 63 Goodman St., Phila.

Vincas, Madagascar periwinkle, $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Vinca variegata, 2½-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Vinca var., 2-in., $2.00 per 100. Cash.
Chase & Son, New London, Ohio.

Vinca variegata, fine, bushy plants, 15c.
Eswell Kemp, Vailsburg, N. J.

VIOLETS.

Violets from 2-in. pots. Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell, double. All at $2.50 100; $20.00 1000.
Eli Cross, Grand Rapids, Mich.

Young violet plants, Marie Louise, from healthy vigorous stock, $3.00 per 100, $25.00 per 1000. F. R. Snyder, Box 233, Rhinebeck, N. Y.

Violets. Rooted runners of California violets, 50c per 100. E. G. Bunyar, Independence, Mo.

TO EXCHANGE.

To Exchange—150 11 to 12-in. caladium bulbs, 400 2½-in. moonvines, 500 3-in. scarlet sage, and 200 California petunias, for Bridesmaid, Bride and American Beauty roses, asparagus and chrysanthemums.
John Fallon, Staunton, Va.

To Exchange—Heliotrope, rooted cuttings or 2 and 2½-in., for anything we can use.
Burdell Floral Co., Bowling Green, Ky.

WANTED.

Wanted—5000 cannas in the following var.: A. Bouvier, Chas. Henderson, Egandale, Black Beauty, Florence Vaughan, Mme. Crozy, Martha Washington and Mont Blanc. Cash offer for part or all wanted.
Ludvig Mosbaek, Onarga, Ill.

Wanted—2,000 to 3,000 Boston ferns in 2 to 2½-inch pots; also 4,000 to 5,000 ferns, in flats, for dishes. Send sample with prices. Must be good stock. Parkside Greenhouses, 746 E. 70th St., Chicago.

Wanted—Mexican, or silver striped peperomia.
McGregor Bros. Co., Springfield, O.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

CUT FLOWER BOXES.

The best cut flower box is the FULL TELESCOPE—that's ours.
C. C. Pollworth Co., Milwaukee, Wis.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
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Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc., good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties.
N. Lecakes & Co., 53 W. 28th St., N. Y.

Leucothoe, sprays and hardy cut ferns.
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Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
Arnott Chemical Co., 114 Victoria St., Toronto, Canada.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

Pure sheep manure, dried, unpulverized and pulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

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GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

We are sole distributors of "White Rose" greenhouse glass.
Stenzel Glass Co., 2 Hudson St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.

100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00

E. H. Hunt, 76 Wabash Ave., Chicago.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Nicoticide kills all greenhouse pests.
The Maxwell Mfg. Co.,
1004-1006 Magnolia Ave., Louisville, Ky.

LEAF-MOLD

Orchid peat, rotted peat, azalea peat, leaf-mold and live sphagnum moss in any quantity desired. Samples on application.
C. W. Brownell & Co., Walden, New York.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard flower pots, seed, fern and orchid pans. Quality the best.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SPHAGNUM MOSS.

Sphagnum moss, fresh and clean. Five-barrel bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. Packing moss, 10 bales, $7.50. Cash with order.
H. R. Akers, Chatsworth, N. J.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Live, short sphagnum moss for orchids at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. Write.
D. U. Augspurger & Sons, Peoria, Ill.

WIRE SUPPORTS.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

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Wire work. As manufacturers we eliminate the middleman. None other made as good at our prices.
C. C. Pollworth Co., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SURPLUS STOCK

200, 2¼-inch, German Ivy	3c
500, 2-inch, Snapdragon	1½c
300, 2½-inch, Benthey's, pink and white	3c
500 of each, 2-in Benthey's, pink and white	2½c
2-inch, Carlson's Mixed Asters	1¼c
500, 3-inch Salleroi	3c
400, 2½-inch, Coleus	2c
150, 2½-inch, Forget-me-nots	2c
200 2-inch, Alyssum	1½c
1000 2-inch, Pansies	1½c
50, 2½-inch, S. A. Nutt	3c
50, 3-inch, Trego	6c
100, 4-inch, La Favorite, extra fine	6c
3-inch, Rose Geraniums	6c

Cash with order.
O. L. BAIRD, - Dixon, Illinois.

BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in	$8.00
Heliotrope, 3 and 4-in	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in	2.50
Verbena, 2¼-in	2.50
Lobelia, dwarf and tall, 2½-in	2.25
Alyssum, 2-in	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in	5.00
Tomato Plants	per 1000, $8.00

Cash, please.
Converse Greenhouses, Webster, Mass.

CRASSULA HYBRIDA

Will make a Standard Easter Plant. Its keeping qualities are above any other kind of flowering plant grown at present. Sample plants in bloom, **$1.50** each; **$15.00** per doz. Young stock, 2½-inch pots, able to make good plants for next season, **$3.00** per doz.; **$15.00** per 100. **Cash with order.**

Grand Stock of Hydrangeas and Dwarf Crimson Ramblers.

LOUIS DUPUY, - Whitestone, L. I., N. Y.

Mention The Review when you write.

SPECIAL OFFER

Having given up possession of my greenhouses, I offer the balance of stock at following low prices to close out quickly:

	Per 100
Large Clumps **ASPARAGUS PLUMOSUS**	$6.00
2½-inch **SPRENGERI**, very large stock	2.00
6-inch **SPRENGERI**	10.00
SALVIA BONFIRE, 4-inch pots	5.00
3-year-old grafted **KAISERINS**, in 6-inch pots, now in bud, ready to plant out and produce fine flowers for summer cutting having been dormant all winter	10.00

CASH MUST ACCOMPANY ALL ORDERS.

SAMUEL J. BUNTING, Elmwood Ave. and 58th Street PHILADELPHIA, PA.

Mention The Review when you write.

TELEGRAPH

Will be the most popular geranium and leading standard next season. Every florist growing bedding plants or Christmas pot plants should have Telegraph in stock. Its color (brilliant scarlet cerise), large truss, and profuse blooming qualities, make it a desirable Christmas pot plant. Acknowledged the best all-round geranium on the market. Extra strong plants, ready to plant out, $8 per 100, while present stock lasts. Cash with order, please.

THOS. DE VOY & SON, POUGHKEEPSIE, N. Y.

Mention The Review when you write.

SMILAX

	Per 100
Fine plants, 2¼-inch pots	$1.25
Geraniums, 3 in. pots, to close	4.00
Seedling Petunias, 2½-in. pots	2.50
Pansy Seed, July	oz., $4.00

Cash or C. O. D.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots	$2.00
Sprengeri, 2¼-in. pots	2.00
Coleus, 2¼ in pots, to close	1.50
Primroses, Chinese Obconica and Forbesi July 10	2.00

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

CHRYSANTHEMUM Novelties

and Standard Kinds. If you are short of stock for planting better write me about it. **I have a good stock on hand. Prices Right. Goods Right.** **CHAS. H. TOTTY, MADISON, N. J.**

Mention The Review when you write.

New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

Mention The Review when you write.

GIANT DOUBLE ALYSSUM, in 2½-inch pots, $2.00 per 100.

ASPARAGUS SPRENGERI, three-year-old clumps, in fine shape, $8.00 per 100. CASH.

G. W. RENARD, AVONDALE, PA.

Mention The Review when you write.

Over $78,000 has been paid by the **FLORISTS' HAIL ASSOCIATION** for glass broken by hail, for the past 17 years. For particulars address

John G. Esler, Sec'y., Saddle River, N. J.

Mention The Review when you write

PITTSBURG.

The Market.

The past week has been a record-breaker among the plantsmen. It has been favorable weather and the people seem to have plenty of money and are willing to spend it. Prices are not high but seem to satisfy the growers.

The cut flower men had a much better week than for some time and wound up with a big Saturday. Today, Monday, the day before Decoration day, was like the Saturday before Easter. Every one had all he could do. There are not many outdoor flowers, so that there is a special call for carnations and roses.

The weather having turned very warm, was hard on stock and one could see pots of sleepy carnations in any of the stores and the market stands which were exposed to the draft and air, fared very badly.

Various Notes.

The Pittsburg Rose and Carnation Co. is sending in an immense cut these days and the stock is exceptionally fine for this time of the year.

A good rain last week would have brought in the peonies, but that would have killed the price of other stock, so it is no loss.

Geo. Marshall, of the Cut Flower Co., is confined to his bed with measles.

Randolph & McClements have been offering premiums for help the past week. Any old kind of a man that knows plants could have been made use of.

The Allegheny market people report Decoration day business the best they ever had.

Theo. F. Beckert is sending in very fine sweet peas.

Geraniums have been retailing in the market all week at $1.50 to $2 per dozen and anything else with a good show of bloom brought corresponding prices.

T. P. McCormick is no longer with the Pittsburg Florists' Exchange and E. J. McCallum is now in charge.

Hoo Hoo.

The Review will send its Pronouncing Dictionary on receipt of 25c.

IMPROVED SHASTA DAISY SEED
1000 Seeds, 25 cents.
GIANT MIXED PANSY SEED
1000 Seeds, 25 cents.
William Linfoot, 317 North Vermilion St. **Danville, Ill.**
Mention The Review when you write.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.
Mention The Review when you write.

Something fine for Lawn, Hotel, Piazza decorations.
PHOENIX..... CANARIENSIS
Ask for prices.
Julius Roehrs Co., Rutherford, N. J.
Mention The Review when you write.

60,000 GRAFTED ROSES For Forcing
Extra fine, healthy plants. Free from mildew.
Liberty, Rose pots, $15.00 per 100;
3½-inch pots, $18.00 per 100.
Maids, Brides, Golden Gates, Kaiserin
Rose pots, $10.00 per 100; $ 95.00 per 1000
3½-in. pots, 15.00 per 100; 145.00 per 1000
COLEUS Verschaffeltii, Golden Bedder, Firebrand
Rooted Cuttings, 75c per 100; $6.00 per 1000
Send for Price List.
J. L. DILLON, Bloomsburg, Pa.
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BEGONIA
Gloire de Lorraine
3-inch pots, strong plants, cut back twice, $25.00 per 100. Now ready for delivery.
NEPHROLEPIS PIERSONI
fine plants, 8-in. pots, $15.00 per doz. 10-in. pots, $24.00 per doz.
Pandanus Veitchii
finely colored specimens, $2.50 each, 32 in. high from top of soil.
J. A. PETERSON,
McHenry Ave., WESTWOOD, **CINCINNATI, O.**
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Cyclamen, Cannas, Etc.
Cyclamen Plants—Seed taken of only selected flowers and well built stock. None better.
Once transplanted...$2.00 per 100; $18.00 per 1000.
Twice transplanted.. 3.00 " 25.00 "
Echeverias—$3.00 per 100. Alternantheras, Yellow; Santolinas, Salleroi Geranium and Coleus, 2-in. pots, $2.00 per 100; $18.00 per 100.
Asters Olmstead's—White and Semple's Brancing in pink, white and lavender, once transplanted, from selected flowers, $1.00 per 100; $8.00 per 1000.
Chrysanthemums—Standards and novelties, 2-inch, $2.00 per 100.
C. WINTERICH, Defiance, Ohio
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PALMS, FERNS
and all
Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.
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PLANTS for Vases and Baskets
ASPARAGUS SPRENGERI, large, bushy plants with many long vines, from 3-inch pots, $5.00 per 100. Extra Fine, from 4-inch pots, $8 00 per 100.
CAREX JAPONICA VARIEGATA, a most useful grass for filling. From 2¼-inch pots, $3.00 per 100.
COBAEA SCANDENS, from 3-inch pots, staked. $4.00 per 100.
CYPERUS ALTERNIFOLIUS (Umbrella Plants), excellent stock from 2¼-inch pots, $2.50 per 100.
GLECHOMA VARIEGATA. We have a large, healthy lot of this most useful vine in 2½-inch pots, $3.00 per 100.
GERANIUM (IVY LEAVED) strong plants in 2¼-inch pots, in bud and bloom, three standard varieties and colors. $3.00 per 100.
HONEYSUCKLE (JAPANESE), HALLEANA and GOLDEN LEAVED. Do not forget this useful vine in your spring work. Two-year-old field clumps $5 per 100.
LOBELIA GRACILIS, strong, bushy plants, from 2¼-inch pots in bloom, $2.50 per 100.
MAURANDIA VINE (ALBA), thirty stock in 2½-inch pots, in bud and bloom, $3.00 per 100.
OTHONNA CRASSIPOLIA, an indispensable vine for filling. Extra strong plants in 2¼ and 2½-inch pots, $3.00 per 100.
PETUNIAS (Double), three of the best varieties, 2¼-inch pots, $2.50 per 100.
WE STILL HAVE ALL THE BEST HARDY PERENNIALS IN STOCK.
Write for Special Prices.
Nathan Smith & Son, Adrian, Mich.
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Asters—Carison's white, strong, 50c per 100.
Pansies—Choicest strains, transplanted stock, $3.00 per 1000.
Cabbage—E. J. Wakefield, $2.00 per 1000.
Cabbage—Succession from seed bed, $1.50 per 1000
Tomato—Dwarf Champion, $2.50 per 1000.
Tomato—3000 strong transplanted Beauty, extra fine, $5.00 per 1000; the lot for $12.00.
F. GRISWOLD, Worthington, Ohio.
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SCARLET SAGE,
From 2-inch pots.....$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots... 2.00 "
Verbenas, 2-inch pots..... 2.00 "
Vinca Variegata, 2-inch pots..... 2 00 "
Cuphea, (Cigar Plant), 2-inch pots... 2.00 "
Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.
E. I. Rawlings, Quakertown, Pa.
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PRIMULAS
Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.
Fine plants in 2-inch pots, ready for shipping in June, $3.00 per 100.
A. JABLONSKY, Wellston, ST. LOUIS, MO.
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Miscellaneous Plants.

2¼-INCH STOCK IN A1 CONDITION.

	Per 100	1000
AGERATUM, Stella Gurney, 40c per doz	$2 00	$17 50
ALTERNANTHERAS, yellow and red.....	2 00	15 00
ALYSSUM, giant double, 40c per doz.....	2 00	17 50
AQUILEGIA (Columbine) single mixed	3 00	
CARNATIONS, Marguerite.....	1 50	12 50
COLEUS, good varieties	2 00	15 00
DAHLIA PLANTS, in variety.....	2 00	
DIGITALIS (Foxglove), fine mixed	1 50	12 50
FICUS ELASTICA.....$2.00 per doz.		
GERANIUMS, Rose, Lemon, Mrs. Taylor and Fernifolia odorata	2 00	
HARDY CHRYSANTHEMUMS		
Small-flowering varieties	2 00	17 50
Large-flowering varieties	3 00	20 00

Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

	Per 100	1000
GERANIUMS, in good variety	$2 00	$17 50
Write for list of varieties.		
HARDY PHLOX, named, 8 varieties.....	3 00	25 00
HELIOTROPE, good varieties	2 00	17 50
LANTANAS, 5 varieties.....	2 00	17 50
MARANTA MASSANGEANA.....	4 00	
MOONVINES, white, 50c per doz.....	3 00	25 00
NYMPHAEA ODORATA, gigantea, 50c per doz.....	3 50	
PETUNIAS, Dreer's double mixed	2 50	
" Dreer's superb single mixed.....	2 00	15 00
" fine mixed.....	1 50	12 50
SAGE, Holt's Mammoth.....	2 00	15 00
SALVIAS, in variety	2 00	17 50
SMILAX, strong.....	2 00	15 00
SWAINSONA ALBA and ROSEA	2 00	17 50
VINCAS (Madagascar Periwinkle)	2 00	

Not less than five of any one variety sold. Cash with order, please. Send for trade price list.

R. VINCENT, JR. & SON,
WHITE MARSH, MARYLAND.

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Decoration Day Is Over

Fill your houses with stock that grows into money while you sleep.

Araucaria Excelsa

Just arrived, 3,000 on May 1, per steamer Elonian, and 2,000 on May 30, per steamer Oxonian, of the choicest, grown for me under contract by an **Araucaria Specialist** in Belgium. I must say for the benefit of my customers that never before have they been so nice, large and well-grown for the money as they are this year. I herewith quote you special low prices:

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25 to $1.50 each.

Araucaria Excelsa Glauca, 75c to $1.00 each.

Kentia Forsteriana, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana, 4 years old, 25 to 30 inches high, $1.00 each. (Above is the size entered in the Philadelphia Custom House).

Ficus Elastica, imported, 4-inch, $25.00 per 100, ready June 1.

BEDDING PLANTS.

Heliotropes, blue, 4-in., $6.00 per 100. **Scarlet Sage,** Clara Bedman, 4-in., $7.00 per 100. **Begonia Vernon,** red and pink, 4-in., $7.00 per 100. **Cobaea Scandens,** 4-in., $8.00 per 100.

Coleus, Golden Bedder, Verschaffeltii and Queen Victoria; **Aster** Victoria; Verbenas, Phlox Drummondii and Dwarf Petunias, $3.00 per 100. California Giant Petunias, Scarlet Sage, Begonia Vernon; Ageratum, blue, 3-in. pots, $5.00 per 100.

Don't forget that I am the Moonvine grower of the land. Only **A. W. Smith's Hybrid Moonvines,** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2½-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of
POT PLANTS.
1012 Ontaria St., PHILADELPHIA, PA.

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Surplus Stock!

We have too large a stock of the following plants which we offer at prices very low for first-class, well-grown plants.

2,500 HIBISCUS, from 3-inch pots, three varieties, Peachblow, Grandiflora and Violacea, $3.00 per 100.
LEMON VERBENA, strong and bushy, 3-inch pots, $4.00 per 100.
HARDY GAILLARDIA, Gypsy Queen, from 2½-inch pots, $2.50 per 100.
HYBRID MEMORIAL ROSES, 6 varieties from 2½-in. pots, $2.50 per 100.

C. YOUNG & SONS CO.
1406 OLIVE ST. ST. LOUIS, MO.

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50,000 ROSES

Bride.	Perle.
Maid.	Beli Siebrecht.
Golden Gate.	LaFrance.
Ivory.	President Carnot.
Meteor.	Gen. MacArthur.
Souv. de Wootton.	LaDetroit.
Kaiserin.	American Beauties.

Order now for any time you want them shipped.

BOSTON FERNS

4, 5, 6, 7, 8 and 10-inch.

Asparagus Plumosus and Sprengeri

2, 2½, 3, 4, 5 and 6-inch.

Anything you are short of in **Miscellaneous Stock** write.

CHRYSANTHEMUMS in sand and 2-in. Write for list.

GEO. A. KUHL, Pekin, Ill.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS
OAKLAND, MD.

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GERANIUMS.

IN BUD AND BLOOM

A. Ricard, S. A. Nutt, M. Chevelierre, F. Perkins, Marvel, Mrs. Landry, Jean Viaud, etc., 4-inch plants **$8.00** per 100. Trego, M. de Castellane, at **$10.00** per 100. Mme. Salleroi, 2½-inch, **$3.00** per 100.

	Per 100
Coleus—2½-inch, $2 50 per 100; 3-inch	$5.00
Vinca Variegata—2½-inch	2.50
Salvia—2½-inch.....	2.50
Sweet Alyssum—3-inch.....	3 00
Ivy Geranium—3-inch, $6.00 per 100; 4-inch....	8.00
German Ivy—2½-inch.....	3.00
Cannas	$8.00 and 10.00
Pelargonium—double white, 5-in. 20c; 6-in. 30c	
400 Meteor—2½-inch.....	3.00

CHRYSANTHEMUMS

Lord Hopetoun, Ben Wells, Et. Bonnefond, Cecil Cutts, Viviand-Morel, Wm. Duckham, Silver Queen, Mrs. Longly, Lily Montford, Kimberly, Percy Plumridge, Thirkell, White Bonnaffon, Mrs. Chamberlain C. H. Diedereich, Dr. Enguehard, Cheltoni, Ida Barwood, S. T. Wright, Chevrant, **Rooted Cuttings, $2.50, 2½-in. $3 50 per 100.**

Maj. Bonnaffon, Mrs. Jerome Jones, Yellow Jones, Mrs. Robinson, F. S. Vallis, Mrs. Coombes, Cinna, Mrs. T. W. Pockett, Marie Liger, M. Douillet, Paul Sahut, Dalskov, Ivory, Boccasse, Col. Rowell, Mayflower, C. J. Salter, Mounier, White Maud Dean, **Rooted Cuttings $1.50; 2½-inch, $2.50 per 100.**

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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CINCINNATI.

The Market.

Decoration day is waking up the florists all over the north and the demand is much greater than the supply. Every old kind of a flower finds a buyer now and at a price all that it is worth. Outdoor stuff is having a heavy call. Peonies are in full blast and bring good prices. Shipping trade is good and the out-of-town call is using up a lot of stock and keeping prices well up.

There is a pretty good cut of carnations on but the hot sun is making them very small and their keeping qualities are not great. Roses are also poor and mildew is much in evidence. There is not a very heavy cut on at present. Bride is very poor. Kaiserin and Ivory take its place. Chatenay comes nicely. Beauty heads the list and some really good stock is to be had.

The peony is the outdoor flower at present and there are quite a few of them on the market but the cut in this section has been rather light this year. They bring good figures now. The fact that the peony is the coming spring flower can no longer be disputed. It is a fine flower for decorative work and its future can no longer be denied. When some of the newer varieties are well distributed and the growers get on to how to cut and hold the blooms this flower will hold a high place in floriculture.

Lilies were much in demand and George & Allan were in with a good cut of them.

"Green goods" sold well. Smilax was scarce. Southern ferns are in and of good quality. The eastern stock is now all used up.

Various Notes.

W. K. Partridge had the Commercial Club decoration at the Queen City Club this week. It was one of the largest decorations this city has seen for some time. American Beauty and Asparagus plumosus were extensively used.

Max Rudolph is to erect a greenhouse this fall. It will be 40x185, with concrete walls and all modern improvements. It will be devoted to roses, especially Richmond.

Mr. Joy, of Nashville, was a visitor.

C. J. Ohmer.

Winnipeg, Man. — Ueberheim & Smith, of St. James, have opened a retail flower store at 213 Graham street.

FOR SALE!

	Per 100
Geraniums, strong, mixed, out 4-in. pots	$7.00
Heliotrope, dark, out 4-in. pots	7.00
Honeysuckle out 4-in. pots	7.00
Spotted Begonia, out 4-in. pots	7.00
Periwinkle, variegated, out 4-in. pots	7.00
Swainsona white, out 4-in. pots	8.00
Double White Petunia, out 3-in. pots	6.00
Alyssum, very dwarf, good, out 3 in. pots	3.00
Ageratum, out 2½-in. pots	2.50
Parlor Ivy, out 2½-in. pots	2.50
Lobelia, trailing, out 2-in. pots	2.00
Shasta Daisy, out 3-in. pots	8.00
Dusty Miller and Gymnocarpa, out 2½-in. pots	2.50

Samuel V. Smith, 63 Goodman St., Philadelphia

200,000 PANSIES — Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3 00 per 1000. Pansies, in bud and bloom, $1 00 per 100; $8.00 per 1000. Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12 00 per 1000; R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100 Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8 00 per 1000. Daisies, double white, 75c per 100; $5 00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

SEE THAT LEDGE.

Pat. Sept. 18, 1900.



THE JENNINGS IMPROVED IRON GUTTER.

....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA

Mention The Review when you write.

Chrysanthemums

	Per 100
Ida Barwood, Mrs. Cadbury, Golden Wedding, Alice Byron, Marion Henderson, Silver Wedding, White and Yellow Jones, Nellie Pockett, Duckham and Dr. Enguehard, (2½-inch pots)	$3.00
ROOTED CUTTINGS of above	2.00
Ben Wells, John Burton and Helen Frick, (2½-inch pots)	4.00
ROOTED CUTTINGS of above	3.00
ROOTED CUTTINGS of Coleus in variety, Lobelia, Ageratum, Sweet Alyssum and Cuphea	.50

ROSES

La France Roses (in 4-inch pots, strong plants) 15.00

No orders filled for less than $1.00. Cash with order, please.

Satisfaction guaranteed.

"CRITCHELL'S"

AVONDALE, CINCINNATI, OHIO.

Mention The Review when you write.

Bedding Plants

.....STRONG.....

Petunia, Howard's Star and California, 3-inch and 4-inch pots, $3.00 to $5.00 per 100.

Dwarf Sweet Alyssum, Verbenas, 2¼-inch pots, $1.50 per 100.

Dracaena Indivisa, 4-in., 10c; 6-in., 40c each.

Asparagus Plumosus, 3-inch, $5.00; 2¼-inch, $2.50 per 100.

Asparagus Sprengeri, 2¼-inch, $2.00 per 100.

Lobelia Compacta and Speciosa, 2¼-inch, $1.00 per 100.

Egg Plants, 2¼-inch, $2.00 per 100.

Cauliflower, 75c per 100.

J. S. BLOOM, RIEGELSVILLE, PA.

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Special Offer!

15,000 SALVIA BONFIRE, strong plants from 2-inch pots, $1.50 per 100; $14.00 per 1000.

5,000 GERANIUM MME. BUCHNER, (best white) 2½-inch pots, $2.00 per 100; $18.00 per 1000.

ASPARAGUS PLUMOSUS NANUS, strong plants from 3-inch pots, $5.00 per 100; worth $8 00. **Cash.**

The W. T. Buckley Co., Springfield, Ill.

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S. S. SKIDELSKY,

824 North 24th St.,

PHILADELPHIA.

CORRESPONDENCE SOLICITED.

To-Bak-Ine Products

THEY KILL BUGS"

LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.

FUMIGATING PAPER
FOR BURNING.

Fumigating Powder
FOR SLOW BURNING.

DUSTING POWDER
FOR VEGETABLE GROWERS.

You will have no trouble with insect pests if you use these products as directed.

Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT

76-78 Wabash Ave., Chicago

Mention The Review when you write.

Asters and Geraniums

Geraniums — Mme. Salleroi, strong plants, 2½-inch, $3.00 per 100.

Asters—Comet and American Branching in pink, white and blue, and Victoria in mixed colors, from pots, $1.00 per 100.

J. B. Shurtleff & Son, Revere, Mass.

Mention The Review when you write.

Asparagus Seedlings

from flats, well grown and thrifty.

Plumosus Nanus...$10.00 per 1000 } Cash with
Sprengeri ..... 8.00 per 1000 } order prepaid.

Get our prices on large lots.

Large 3-in. Plumosus Nanus, $25 per 1000 prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

Mention The Review when you write

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS. COLEUS and general bedding stock in large quantities.

Write for prices. Cash or reference.

L. H. FOSTER ESTATE,

45 King St., DORCHESTER, MASS.

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MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

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Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
2000 lbs. (ton)	$30.00		

BLOOD AND BONE

Samples and guaranteed analysis furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs....$2.00 200 lbs....$4.00 500 lbs....$9.00 1000 lbs....$16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

100 lbs.....$1.50 500 lbs.....$5.00 2000 lbs. (ton) $16.50

Samples and guaranteed analysis sent on request.

E. H. HUNT, 76 Wabash Avenue, CHICAGO

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WABASH "FOLLOW THE FLAG"

WABASH
Summer Tours

Write today for a Free copy of WABASH Summer Tour Book—1905, outlining many very attractive summer vacation trips, with rates, etc.

Write us about any tour you may have in contemplation. We shall be glad to assist you.

C. S. CRANE, G. P. & T. Agent, ST. LOUIS.
F. A. PALMER, A. G. P. Agent, CHICAGO.

Mention The Review when you write.

ASPARAGUS.

	Per 100
2-in. Asparagus Plumosus Nanus	$ 3.00
4-in. Asparagus Plumosus Nanus	10.00
Asparagus Plumosus Nanus, seedlings, $12.00 per 1000.	
2-in. Asparagus Sprengeri	2.50
2-in. Cyclamen, in 5 separate colors	4.00
2-in. Chinese Primroses, for July delivery	3.00
2-in. Coleus in red, yellow and mixed colors, $18.00 per 1000	2.00
400 2-in. green Alternantheras	2.00
3-in. Geraniums in assortment of S. A. Nutt, pink, white and scarlet	5.00
Sphagnum Moss, per bale, $1.00; 10 bales, $9.00.	

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

Mention The Review when you write

100,000 Alternantheras

Strong rooted cuttings.

A. Nana, yellow, 50c per 100 or $4.00 per 1000.
A. P. Major, red. 50c per 100 or $4.00 per 1000.
Red and Yellow, from 2-inch pots, $1.50 per 100.
Special price on 5,000 or more.

Davis Bros., Morrison, Ill.

Mention The Review when you write.



THE MODEL TOMATO SUPPORT.

THE ONLY PERFECT

Tomato and Plant Support

MADE OF HEAVY GALVANIZED WIRE AND WILL NOT RUST.

Height complete, . .	34 inches
Height of bottom section,	24 "
Height of top section,	12 "
Diameter of circle, . .	14 "

Model Carnation Supports, Galvanized Rose Stakes and Tying Wire.

IGOE BROS.
226 North 9th Street,
BROOKLYN, N. Y.

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PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

"The Pronouncing Dictionary is just what I have wanted."
"The Pronouncing Dictionary fills a long-felt want."
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A Booklet just the size to fit a desk pigeon-hole and be always available. Sent postpaid on receipt of 25c.

Florists' Publishing Co. CAXTON BLDG., 334 DEARBORN ST. **Chicago**

KANSAS CITY.

The Market.

A week of unprecedented rush has marked the business of the Memorial period. Stock has moved rapidly even for this season. Some very large funerals have helped to keep stock at a low ebb. Roses have been of very poor quality. Carnations have been fair, but shipped stock has been exceedingly poor. Sweet peas, peonies, carnations, jasmine and roses are the principal stock in trade.

All the plant growers report the best business for years and are about cleaned up with their spring work. Some were forced to buy to supply their customers.

The flower show committee has sent out the preliminary premium list. It is fair to every class of exhibits, and we already feel confident of having one of the greatest shows ever seen in this country.

Among the retail stores the consensus of opinion is that the past season has been the best in years and in spite of the fact that stuff sometimes comes in very poor, still the amount of waste has been slight. Collections have been unusually good and the outlook is very flattering.

W. J. Barnes has completely emptied his houses.

Jacob Tobler, of Westport, reports his branch of the business as exceedingly good and intends to remodel and build enough to handle his trade.

Ed Ellsworth, manager for Geo. M. Kellogg, has been very ill the past week and has been unable to be at his store.

The Harvey Floral Co. has opened a new store at 1009 Walnut street under the personal supervision of Mrs. Harvey. They have a good location.

C. P. Neeley, of Siloam Springs, Ark., was a visitor the past week and reports business in his town as first-class. Mr. Neeley intends to build some new houses after the spring trade is over, to be used for carnations. NARCISSUS.

MARSHALLTOWN, IA.—I. B. Kemble is ill with typhoid fever.

VALLEY FALLS, R. I.—Walter S. Sword had a very good order for bedding at Jenks' park.

ARNOTT'S COMPLETE
SOLUBLE PLANT FOOD
The only perfect substitute for and away ahead of Liquid Manure. **CLEAN TO HANDLE. ODORLESS.** Sample package mailed free 25c. Used by Florists all over the world.
THE ARNOTT CHEMICAL CO.
114 Victoria Street, TORONTO, CAN.
Mention The Review when you write.

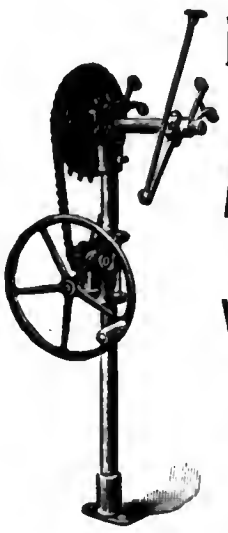
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WATERPROOF. Corner Lock Style.
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" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	6 00	"
" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
" No. 7	6x16x20	5 50	"	.00	"
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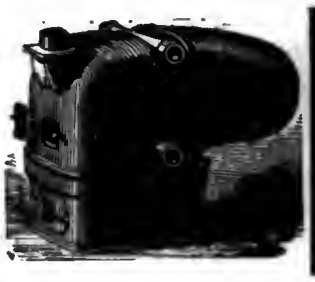
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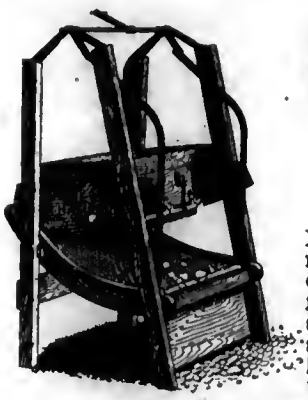
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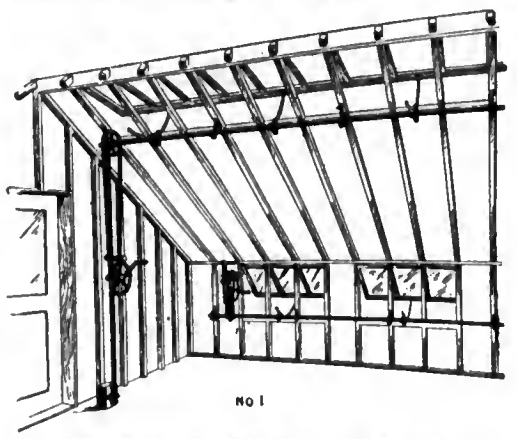
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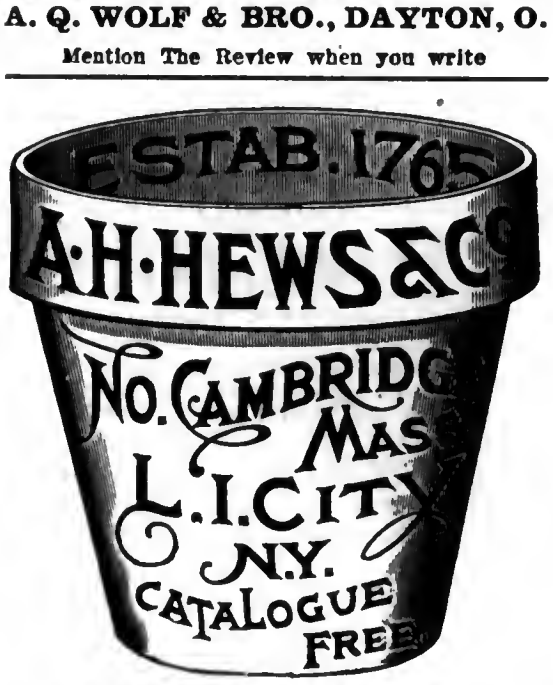
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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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J. Austin Shaw, Manager.

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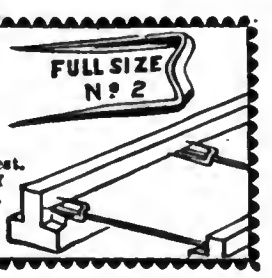
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Vol. XVI. CHICAGO AND NEW YORK, JUNE 8, 1905. No. 393.

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VIOLET GROWING.

BY B. T. GALLOWAY.

Introduction.

The violet will always be a good crop for the beginner and the small florist to handle because, (1) the capital required to go into the business, when compared with that of other intensive horticultural work, is small; (2) the violet is a seasonable flower, hence always comes as a fresh impression each autumn after an entire absence of four or five months; (3) it is a flower which, to be at its best, must be grown close to the consumer; hence the crop is only slightly affected by long distance shipments; and (4) it is a crop which, when properly grown, properly handled, and properly sold, will always yield a fair profit, no matter if the market is flooded with indifferent stock.

Of course, under ordinary conditions the flooding of the market with indifferent flowers, that is, with flowers that have been shipped a long distance, or that may be off color or without odor, always affects the general market. Unquestionably, however, a good grower can so handle his business as to be practically independent of these conditions. If he establishes a reputation for good flowers, and deals with good men in the handling of the same, he will always find a market at a fair price for his produce.

Opportunities in Violet Growing.

The best opportunities at the present time in violet growing are afforded the small florist who may have a local market to supply or who is in a position to ship fifty to 100 miles to a near-by town or city. There are thousands of such florists, and the object of this paper is mainly to point out to them how to start and conduct the business rather than to aid in any way those in the large violet-producing centers.

The few localities having reputations as large producing centers are fortunately favored in soil and climate. In studying the subject in these localities, I have often been struck with the ease with which the violet is grown by men who have had no previous experience. In fact, it is usually the inexperienced man who succeeds best with this crop in the regions indicated. Notwithstanding the large quantities of violets which are grown in these sections, and the success which attends the first efforts of the growers, it is difficult to find men there who have been long in the business. Either the growers find other crops more profitable or reach a state where they can no longer successfully grow the violet. It seems to me that this is to be attributed in part to the very excellent and favorable conditions which nature has afforded. The growers themselves are not careful enough in their methods of handling the stock. The consequence is that some disease or insect comes in and soon makes it impracticable for them to grow the flower. In regions where the climatic conditions are not so favorable, more skill is put forth and developed, and I believe it is in just these sections where the violet can be made a profitable crop, either alone or in combination with some other florist crops.

Many times I have been impressed with the opportunities afforded for building up a good business in violets in towns and cities of from 5,000 to 50,000 inhabitants. With proper management a good local trade in such towns ought to be developed. It would not be a difficult matter for a live, wide-awake grower to make provision for the handling of his crop in a town or city by securing a desirable location for a small stand, either in the window of some store or elsewhere; all that would be required would be a small place where the flowers could be exhibited and where the business would be an attraction to ordinary store work rather than the opposite. A dry-goods store, millinery store, or even a drug store, would furnish excellent opportunities for opening such a violet department. With proper handling of the flowers, neatness and novelty in the method of bunching them, and good advertising, a splendid business might be developed.

Opportunities are always afforded for dealing directly with established florists who have stores in the towns. This trade will, of course, be mainly retail. Then, again, opportunities are afforded for a shipping business if a grower desires to enter into this sort of trade. A combination of two or more of these methods of handling the crop can be followed. Frequently it is desirable to do this, as one serves as a check upon the other.

Kind of Violets to Grow.

There is very little choice in the matter of varieties of violets. Unlike the carnation and the rose, the varieties suitable for commercial purposes are very few in number. Of the double sorts, the Marie Louise and the Lady Hume Campbell are practically the only varieties grown. There are one or two forms of the Marie Louise on the market, such as the Farquhar, but these are merely strains of the Marie Louise and are hardly worthy of varietal names. The Farquhar is somewhat more prolific than the original Marie Louise and will succeed better under wider differences of soil and climate. Neither the Marie Louise nor the Farquhar is as prolific in flowers or as vigorous as the Lady Hume Campbell. The Campbell, however, is lighter in color and for this reason is sometimes more difficult to sell in certain markets. As a general proposition it may be stated that the Marie Louise and the Farquhar will always sell in preference to the Campbell when they are side by side, but in the absence of the Farquhar or the Marie Louise, the Campbell will nearly always bring a good price.



Princess of Wales Violets at the Establishment of William Sim, Who has been Very Successful with This Variety.

For the florist who is expecting to build up a local business, my advice would be to plant mainly Campbell. This variety well grown can always be handled to advantage locally and will bring as good prices as either Marie Louise or Farquhar. The New York City market is about the only one that really demands the Marie Louise type, for the reason that it is about the only one seen there, owing to the large quantities sent in from the Poughkeepsie and Rhinebeck sections. Other cities, such as Boston, Philadelphia, Washington, Pittsburg, Rochester, Buffalo, Chicago and St. Louis, and the territory adjacent thereto, will take good Campbell violets almost as quickly as any other.

Of recent years there has been an increasing interest in the growing of single violets, and there is no reason why this interest should not be developed. The single violets are more easily grown than the double ones and properly handled might be made nearly as profitable. About the only single violets worthy of growing commercially are the Princess of Wales, the La France and the Dorsett. The Princess of Wales is undoubtedly one of the best single varieties now grown and is valuable not only for its large, handsome, sweet flowers, but for the foliage, which may be used for bunching the doubles. Our experience has shown that it is desirable always to have some of the single violets, for the reason that the foliage can be used for bunching and the flowers will more than pay for the space occupied. By saving the foliage of the double sorts, better flowers are secured from them. The removal of the foliage from the single violets does not seem to have any serious effect on their flowers.

(To be Continued.)

MISCELLANEOUS SEASONABLE HINTS.

Azaleas in Summer.

We all have some azaleas that did not sell this spring and with good care they make the best of plants for next Easter, but not to force for Christmas, as you may suppose. They should now have made a good deal of their growth. Choose a piece of ground that water will not stand on, no matter how much it rains, but let it be in the broad sun. No shade of any kind is needed. The plants will increase in size considerably during the summer, so unless you intend to give them a move about the middle of July you must give them room to spread out. They must be plunged in some material that will keep the sun from parching the roots, like strawy manure, tanbark, refuse hops or ashes. Now the principal thing to bear in mind in the summer care of these valuable plants is never to let them suffer for want of water.

If imported last fall they will have made few roots up to this spring, but with a strong growth they will be making roots this summer and a severe drying-out will be a serious injury. In a few weeks they will need watering, not only every evening but again the following noon. Don't entertain that fallacy that you must not water a plant if the sun is shining on it.

A good, hard syringing once a day to keep down red spider and thrips is of the greatest benefit. Mulching is not necessary for two or three weeks, but by July 1 an inch of broken up cow manure will not only be a fertilizer, but will keep the plants from drying out so quickly. Any pruning should have been done just after they flowered and all that is necessary in that line now is to cut back a few extra strong shoots that frequently take on extra vigor.

Now, these azaleas are well worth faithful attention, as everything is that is worth growing at all. Let air and light get between them. Faithfully water them and give a daily syringing and you will have fine plants for next winter and spring.

Those who have a piece of good, deep loam or peaty soil may take these azaleas out of pots and remove any soil that has no trace of roots in it and plant them out with a light mulching over the surface and soil kept moist. They will do well during summer and lift without feeling it before danger of frost. We know the azaleas endure the transplanting perfectly, because the splendid plants we receive every fall have been lifted from the open beds in Belgium, yet the safest for most growers is to keep them in pots.

Other Plants.

The Acacia armata and the bottle brush should also be plunged out of doors and receive the same treatment as the azaleas.

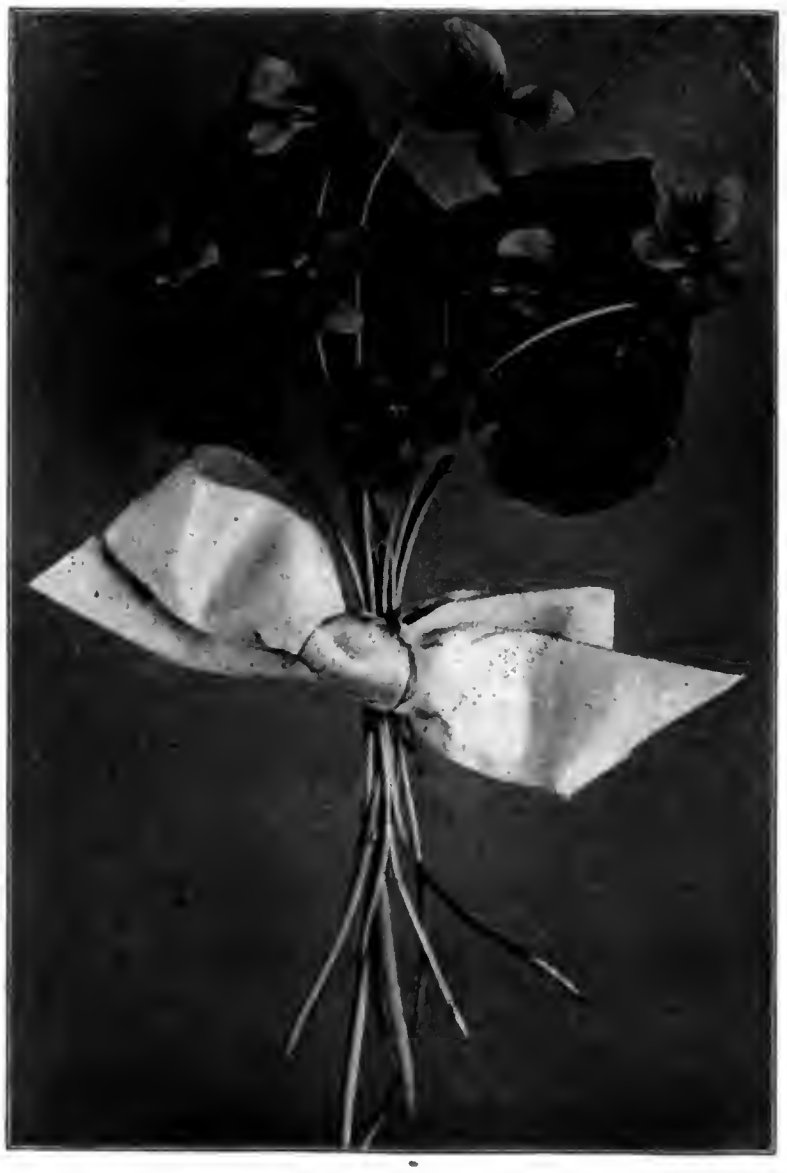
Any two or three-year-old plants of Cytisus racemosus can also be out of doors, but young plants struck last winter I prefer to keep in the greenhouse.

Araucaria excelsa loses its color if put out in the bright sun and small plants are as well if kept in a light, airy house. Large plants may as well be plunged out. Unless large plants of these are perfect they are of very little use and spending time over them is a waste of money. The rubbish pile is the best place for them.

Palms.

Small palms of all kinds are much better if kept under glass and for the next few months you can give them room to grow and make fine plants. If you were manufacturing them by the tens of thousands you might force them with great heat and shade, but that would not make the kind of plants you want for your customers. A robust, strong plant is what you want and that you can get with plenty of room, ventilation and syringing.

We all possess some palms that are as large as we desire and all we want is to keep them in good order. These are better if placed outside until the end of September. They will not burn unless neglected for water and, therefore, their pots and tubs should be protected from the sun. Latanias, kentias and phoenix



The Dorsett Violet, a Little Known but Good Single Variety.



Cattleya Mossiae with Fifty Flowers.

do finely plunged outdoors and, if attentively watered, do not burn. That we have proved during many summers. Arecas do bleach out and are better under shaded glass.

Cannas.

With all the cannas you see advertised in early spring there is never a surplus and we do not always find it is so easy to buy good, sound roots. There is nothing like having them on your own place and you should now plant out all you can. A small plant now means a big root by October and they are easily wintered, yet it is during winter that so many of the roots are lost. Therefore put out plenty of the standard sorts and try a few of the novelties.

Vinca Minor.

Of all the drooping plants for window boxes and vases there is none so useful as well as ornamental as these vincas, the variegated and Harrisonii. We never yet had enough of them. There is plenty of time yet and a very small plant will do. They grow very freely and can be cut close to the ground in October and the roots divided and put into 3-inch pots. They winter almost anywhere in the greenhouse and make fine drooping vines for spring. Don't neglect to plant out a lot of them if you are in that line of business.

Smilax.

Long as this decorative plant has been grown, we often get some question about it. Any one doing a retail trade should have a bed of smilax. The end of this month or early July is the time to plant and they should be strong 3-inch plants. We have seen smilax grown on a very wet floor, but that is by no means essential. I only mention this that no drained bed is necessary. Six inches of good, heavy loam, with a fourth of half rotten cow manure, will grow smilax finely. The only time we had a poor smilax bed was when we used a light soil.

The bed should be on the floor, with plenty of head-room. Tie strings to it as soon as planted and if during the winter you can keep a temperature of 60 degrees, and never neglect to syringe it, you can cut four crops within the year. It does not pay to grow smilax cool, nor does it pay to neglect keeping it tied up. In the care of this easily grown plant there is no place the old adage pays better, "A stitch in time saves nine."

Adiantum Croweanum.

Have you tried this fine fern? Those who see it growing where it originated are quickly convinced that it is distinct from any other adiantum and those who will give it a fair trial will find it a most free and vigorous grower, but it wants liberal treatment. Now is a good time to start a bed.

The writer has seen it growing most luxuriantly in the identical same soil that was producing the finest Bridesmaid roses, a rotted, yellow loam, with the usual amount of manure. If there are steam or hot water pipes beneath the bench they should be low down, for neither this adiantum nor any other fern wants the roots scorched. When growing freely it will be greatly helped by frequent waterings of liquid manure. It should have 60 degrees at night and even 65 degrees will only make it grow the faster. A bed planted within a few weeks will give you fine fronds for next winter.

Air-slaked lime not only keeps down the slugs but the plants seem to thrive on the lime. Do not be afraid to dust between the plants, as well as the crowns of the plants, after they start to grow freely. WILLIAM SCOTT.

HELLEBORUS NIGER MAXIMUS.

The accompanying illustration shows a plant of an improved form of the Christmas rose which J. J. Grullemans & Sons, of Lisse, Holland, are offering under the name of Helleborus niger maximus. The plant shown was photographed on December 24 of last year and the growers assure us that "first-class plants produce a great abundance of pure white flowers which naturally at Christmas are of great value, particularly for funeral work. The plants, after the flowers have been cut, may be planted out in good soil under trees, or at least in a shady place, and can after proper treatment be used again after two years' rest."

The plant thrives in a rich, well drained loam but is impatient of frequent disturbance. When wanted for forcing, strong plants should be given large pots and given heat gradually. They are then easily brought into flower when wanted. Propagation is usually by division in autumn or spring, but if seeds mature they may be planted at once in pans or in open ground. Seedlings ordinarily bloom the third season. Where the potted plants are sold for shipment it is advised that they be shipped before they show flower buds, else they are likely to lose them.

CATTLEYA MOSSIAE.

This is one of the most showy of the early summer blooming cattleyas, a variety which is also of easy culture, free



Helleborus Niger Maximus.

flowering and cheap enough to be within the reach of anyone who handles orchids at all. For florists' use it is one of the very best. Although in cultivation some seventy years, it remains one of our standard orchids and none of the ever-increasing number of cattleya and lælio-cattleya hybrids which we have seen, no matter how rare they may be, nor how costly, can surpass or even equal in magnificence a good type of C. Mossiæ.

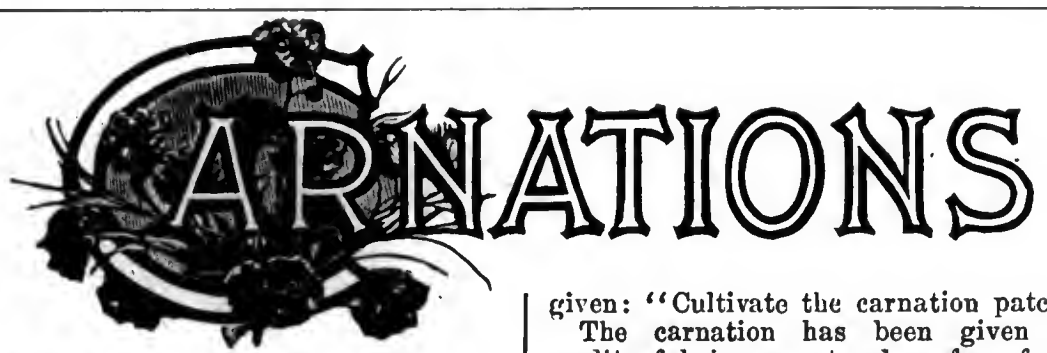
There are quite a host of named forms of this showy cattleya. Some are quite valuable and all are beautiful. Of the white varieties C. Mossiæ Wagneri, Amesiæ and bellissima in our collection are quite unique, the first named being probably the purest. Amesiæ is nearly pure white, while bellissima has a little blush pink coloring in the lip. The variety Reineckiana, of which there are several sub-varieties, is a scarce and unique form. Sepals and petals are pure white, while there are rays of violet or slate-colored dots and lines around the base of the lip. The flowers average six inches across, although many will run considerably larger than this.

This cattleya succeeds well in pots, pans or baskets at the coolest end of the cattleya house. We have seen some fine examples of it in an ordinary greenhouse where a winter minimum temperature of 50 degrees was maintained. Plants should be kept well up to the light, with a little shade from March to early November. A compost of pure osmunda fern fibre suits it well. No need to use any moss for surfacing; the plants are better without it.

The sheaths carry from two to six flowers each, four being quite a common number. One of our Reineckianas carries five flowers to a sheath this season. The flowering season extends from early April to the end of June and any commercial growers who can use orchids during this period cannot go far astray in handling a few of these.

The accompanying illustration shows a plant carrying seventeen sheaths and fifty flowers, grown by William Swan, gardener to Mrs. R. C. Hooper, Manchester, Mass. This was a plant included in a case of newly imported stock received from Lager & Hurrell on March 15, 1904. We need hardly say that such a plant far more than pays its initial cost from its first crop of bloom.

W. N. Craig.



CARNATION NOTES.—EAST.

Dry Weather Treatment.

In this section continued fair weather has rendered the surface soil very dry and to all outward appearance no moisture is at hand to support plant growth, but an examination will reveal an abundant supply just beneath the surface. This is especially true on land that has been kept cultivated, showing the advantage to be gained by frequent stirring of the soil. Besides, multitudes of sprouting weed seeds are prevented from further development.

It is not necessary to cultivate deeply; in fact, it is inadvisable to do so, at least close to the plants. All wholesale breaking up of the ground should have been done at time of plowing. Some growers plant in rows far enough apart to admit the use of a horse cultivator, but not all of us have sufficient land to allow of this, and in any event it is doubtful if it is economy to use twice the land needed. Certain it is that first-class plants can be grown in rows eighteen inches apart and set eight to ten inches apart in the row, using a hand cultivator to do the bulk of the work, a common hand hoe being needed to put on the finishing touches.

These hand cultivators are made with various adjustable tools, also to run between or astride the row, and it is surprising what an amount of clean, satisfactory work can be done in a day.

Whatever method is followed, it is important that the work be continuous. Even during extremely dry spells, nightly dews followed by the hot sun during the day soon form a crust over the surface. If any of the help inquire, "What shall I do next?" your answer can be promptly given: "Cultivate the carnation patch."

The carnation has been given the credit of being a natural surface feeder but this is largely due to local conditions and surroundings. A light shower, or the amount of water applied in ordinary use of the hose, penetrates the ground but a short distance, serving only to attract the roots to the surface. To be sure, we cannot prevent small rains, but we can cultivate immediately after, not only keeping the soil open but discouraging entrance of roots therein. Then we must not resort to artificial watering except in extreme cases and it is difficult to imagine a case bad enough to warrant the practice.

About the only watering that can be done in the field with profit is in the case of late propagated stock, a small quantity being given directly around the plants when setting, covering the moist soil with loose earth as soon as the water disappears.

Of course summer-blooming stock outside needs regular supplies of water to maintain vigorous growth and to keep up the size of bloom.

During dry spells the ever present cut worm is unusually active. As soon as evidence of their work is noticed no time should be lost in digging them out, as even one of these pests will do several dollars' worth of damage in as many hours.

Geo. S. Osborn.

ROT IN THE FIELD.

We have been having bad luck with our carnations. We have quite a number in the field, rooted cuttings planted from 2½-inch pots. They seem to rot at the roots. Can you tell us what is the trouble and what will overcome it?

J. A. W.

No, I cannot tell you what is causing your young carnations to rot at the roots in the field, because I do not know anything about the soil or the plants. Do the roots rot or does the stem rot? This would make all the difference in the world. If it is stem-rot you may lose only a few plants and they may have been affected before planting out. Pull up all that show the disease and burn them and throw a handful of slaked lime where the plants had been. A liberal dressing of slaked lime would likely help materially in keeping the fungus in check. If it is the roots that are rotting, then I would take up the young plants, dip the roots into lime water and plant into another piece of land. To make this lime water put a peck of fresh lime into fifty gallons of water and when cooled and settled use the clear water. If the rotting continues I would advise you not to house the plants that remain because you will have trouble all next winter with them.

A. F. J. Baur.

CARRYING TWO YEARS.

I have a bench of Mrs. Joost carnation planted late last season which I would like to run another year. In fact they were planted so late that they did not come into crop until the last part of February. The plants seem healthy and free from disease. Would you advise me to plant them out for a couple of months and prune them back or put a mulch on them and let them stay in the bench?

H. S. A.

Our experience with carrying over carnation plants the second season leads us to prefer good, strong, young plants as a rule. You will find that by fall the old plants will become very tall and unwieldy and will be hard to keep supported properly. They will grow in size until there is no air space between them and it is hard to keep red spider off of them without keping them too wet around the lower part of the plants. You cannot very well cut Mrs. Joost back on account of its habit of growth without cutting away the best part of the plant. Anyway it is too late to do that now and to plant them out just as they are would hardly do, as they would soon be lying all over the ground. My advice to you would be to plant good, strong, young plants early in August or late in July and you will have less trouble and a better crop next season.

A. F. J. Baur.

A SASH HOUSE.

I have forty hotbed sash, 3x6 feet, which I wish to use if possible in constructing a greenhouse, 15x60. Can I use these sash as part of the glass and put the ventilators fastened to the ridge? How long must each ventilator be if the house is used for carnations? How high should the side walls be?

J. N. H.

While it is possible to build a house out of your hotbed sash, it will not be an up-to-date house, to say the least. Such a house will answer very well for growing bedding stuff, or for wintering cool-blooded plants, but to grow first-class carnations it is not to be recommended. I would advise you to take the glass out of the sash and build a house with sash bars, as it should be built. The cost of the lumber will be very little more than what you would have to buy for the framework for a well-built sash house, and the value of the house in



Paeonia Festiva Maxima at the Peterson Nursery, Chicago.

growing will pay you back the first season. It is difficult to build a sash house as light or as warm as a regular bar and glass house and they can never be built as tight. However, if you decide to use the hotbed sash I would advise you to build as follows:

The sides should be about four feet high. On top of these nail a plate 2x6 and give it the same slant the roof is to have. Let the plate cover two-thirds of the top of the post and let the lower edge project over the siding so that the water will drop clear of the siding. Put up a framework to lay the sash on and to hold the ridge. A 2x4 should run from the plate to the ridge wherever the sash meet. This 2x4 will throw less shade if put with the flat side against the sash. Each side of the roof will need to be nine feet to give the proper pitch, so the ventilators will have to be a few inches over three feet to allow for the lap on the sash where they meet. You can hinge the ventilators to either the ridge or to the sash if you have them made the same width as the sash.

A. F. J. BAUR.

PINE NEEDLES IN SOIL.

We have a compost pile intended for carnations this summer but one of our growers condemns it because there are pines growing nearby and the needles are mixed with the soil, though not in very large quantity. Can you tell me whether they will do harm? H. S. A.

I do not imagine that the pine needles would do your soil any harm if it is otherwise good. I have never noticed that the vegetation around pine trees or cedar trees is any less luxurious than anywhere else. We all know that right under the trees the grass is usually less thrifty than it is farther out, but that comes from the dense shade produced by the trees. Under other very dense trees you will notice the same thing. This, however, is merely my opinion. I have never had any actual experience along that line, so if your friend claims to really know from experience it might be well to heed his advice. In that case I would not discard the whole pile, but only a layer of a few inches thickness where the needles supposedly are. Try a little of the soil with a good lot of the needles mixed in and if it proves harmful let us know about it next winter. It may help some one else in the future.

A. F. J. BAUR.

STEAMER SAILINGS.

In the larger cities many retailers keep the New York steamer sailings posted in their show windows as a means of attracting orders for the delivery of flowers on board, these orders being then mailed or telegraphed to one of the firms represented on the REVIEW's page of Leading Retail Florists. The principal sailings for the next two weeks are as follows:

Date.	Steamer.	Destination.
June 10—	Umbria	Liverpool.
June 10—	Pennsylvania	Hamburg.
June 13—	Kaiser Wilhelm II	Bremen.
June 14—	Majestic	Liverpool.
June 14—	Ryndam	Rotterdam.
June 15—	La Savoie	Havre.
June 15—	Fredk. der Grosse	Bremen.
June 16—	Cedric	Liverpool.
June 17—	St. Louis	Southampton.
June 17—	Lucania	Liverpool.
June 17—	Vaderland	Antwerp.
June 21—	Baltic	Liverpool.
June 21—	Rotterdam	Rotterdam.
June 21—	Helig Olav	Copenhagen.
June 22—	La Bretagne	Havre.
June 22—	Deutschland	Hamburg.
June 24—	Etruria	Liverpool.
June 24—	Patricia	Hamburg.
June 24—	Philadelphia	Southampton.
June 24—	Kroonland	Antwerp.

THE BEST WHITE PEONY.

Charles Klehm, of Klehm's Nursery, Arlington Heights, Ill., where they consider 6,000 dozen peonies as only an average crop of cut flowers, and often harvest them in a week, says that he has a very pronounced idea at variance with the usual opinion as to what is the best white peony. The average grower will answer unhesitatingly that the best variety is Festiva maxima. Mr. Klehm speaks for that sort known variously as Queen Victoria, Whitleyi or Whittleseyi. Mr. Klehm deals in cut flowers for the Chicago wholesale market rather than in plants.

"Whitleyi is a splendid keeper. It may be picked in tight bud and placed in cold storage, where it will remain in good condition for as much as six weeks. On coming out it opens quickly when free from its wrappings and exposed in a store. It develops even better than on the plant and will retain its beauty for twenty-four hours or so, after which it goes to sleep. Festiva maxima does not keep so well in storage and on coming out of storage it pops open and very quickly drops its petals. Festiva maxima is a taller grower and a larger flower but where great quantities are grown for cut flowers Whitleyi is a much more profitable sort."

ACETYLENE IN GREENHOUSES.

At Cornell University experiments have been made with acetylene gas to determine its relation to plant growth. These have been prompted by the claim that acetylene more closely approximates the light of the sun than does any other artificial light. The experiments have been closely watched by Prof. Bailey and Prof. Craig and are thus described by M. J. Irons in a recent issue of the Acetylene Journal:

Has "Old Sol" a substitute? The torch, the dip, the candle, the lamp, gas, electricity, acetylene—all these mark successive stages in man's effort to answer that question. In the plant world it would seem that the answer must ever be negative, but Prof. L. H. Bailey showed that in some cases, even in plant growth, electricity helped out if not replaced sunlight. As acetylene has proved efficient in cases where electricity has failed, it occurred to Prof. Craig to try and see if in plant growth acetylene would not succeed where other kinds of light had been unsatisfactory or failed entirely. By his suggestion, I took up the subject for investigation and have carried it on for some three months and over.

This question has two sides, the scientific and the commercial, and I have tried to learn as much for each side as possible, though naturally laying more stress on the scientific side. As said above, the experiment has been carried

on for over three months, a multitude of facts have been gathered, many, very many, observations recorded; but I am not ready to draw definite conclusions. It is my purpose to show some of the striking facts obtained, let you draw your own conclusions, and then by next year's work tell you whether you were right or not. In these days when every new truth has to undergo such close scrutiny, it is not advisable to draw conclusions until you are ready to back them up by repeated demonstrations.

Two houses were used in my work, one a cool house and one a warm house, to suit the different classes of plants dealt with. As the cool house was the one first started and the one from which I obtained the most of my results, I will confine myself to it. The results from the other house in every way corroborated the facts given.

A small greenhouse was divided into two sections by a curtain impenetrable to light. A "Dissolving Process" generator was used with twelve thirty-five candle power burners of various makes. The lights were run all dark hours, making from fourteen to nine hours each night, depending on the season and day. Every precaution was taken to make the sun, soil, temperature and moisture conditions the same on each side of the curtain. The lights were well distributed in one-half the house and suspended about four feet from the level of the beds. Ordinary tin reflectors were used to throw the light down.

Each plant on the lighted side had its exact duplicate on the opposite side of the curtain. In cases where the exact duplicate could not be found the better plant was in every case placed on the dark side. Every effort was made to eliminate everything but the effect of the acetylene light. With this thought ever before you I will pass to some of the results obtained.

There was a marked aeceleration of growth under the influence of the acetylene light rays, Easter lilies attaining twice the height and blooming ten days to two weeks earlier than unlighted plants.

The marked difference in vegetative growth suggested that this increase might be made at the expense of the root development. To test this, radishes onions and several other plants were taken and comparisons of weights of the root and vegetative systems were made, with results shown in case of the radishes. The other plants substantiated to more or less degree these results, so I only give the radishes, the variety being Non Plus Ultra:

	Lighted.	Dark.
Number	37	38
Weight Tops	63 grams	26 grams
Weight Roots	83 grams	35 grams
Total weight	146 grams	61 grams

Photographs show the great difference in vegetative growth of all the plants and, in the case of the alyssum, the difference in the infloresence. On the light side of the curtain the sweet peas have been in bloom for several days, and on the garden peas good sized pods have formed, while on the dark side not even buds are showing on either the sweet or garden peas. Not all the difference in height is due to the lengthening of the internodes.

The closing of the experiment at this time was due to the commercial side of the question. If the use of the light is of value commercially, it will be of greatest value during the short, often cloudy, days of winter; hence it was deemed advisable to close for this season and take it up again next fall and then run it through the winter.

If the acetylene with sunlight causes such difference, what will it do alone? This is one of the most interesting of all the questions from the scientific standpoint. Experiment has shown some of the things it will do, as plants have been flowered that never had seen daylight. They were never brought into the house until it was dark and were taken back to the dark room before daylight, yet the narcissus produced its flowers and these flowers lasted over a week on the plant. All the other plants were doing well when the experiment closed. This work will be carried out much more fully next year.

I have thus sketched for you some of the main facts, not wearying you with detail and figures. Each plant was watched from day to day and any change noted. At intervals of from two days to a week or more, depending upon the needs, complete notes were taken of everything and photographs made of all the more important features. Nothing was taken for granted where proof could be obtained, but even with all that care, I do not wish to draw conclusions until I have still further proof.

In the above list of facts I have said nothing of the effect the light had upon cuttings, buds, foliage plants, flowers and various other things concerning plant growth. Perhaps if deemed sufficiently interesting I shall at some future time treat of them, but I can say that all the results obtained harmonize very well with the ones given.

Are you now ready to answer the first question? Have we found a light that will perform all the sun's functions in plant growth? Who can say, in the face of facts given, what acetylene cannot do?

THE GLASS MARKET.

A New York report says that the market for window glass has been somewhat disappointing. Business which should be active is only moderate at best, but there is less disposition to force a market by indiscriminate cutting, and prices are firm upon the basis of 90 and 20 per cent off the list for the first two brackets single B and 90 and 25 per cent for machine glass. All other sizes are quoted at 90 and 10 per cent off the list. Nearly all the factories have gone out of blast, but a few are still running on A glass, of which the market is rather bare.

The American Window Glass Co. will likely continue on machine glass throughout the summer if the men will agree. The low prices at which they offered this glass some time ago invited such a heavy volume of orders that the price has been withdrawn and they are not offering any stock at present. The manufacturers of all grades have been well sold up and have almost completed deliveries, leaving the stock altogether in jobbers' hands. Very little glass will reach the market for distribution during the balance of the summer. The jobbers will now hold their annual conventions and size up the situation.

CLEANING GREENHOUSES.

When greenhouses are about to be emptied, so that no loss is caused by damage to plants, or after the house is emptied and before replanting, the structures may be cleansed of insect life either by applying hydrocyanic acid gas or by burning sulphur.

To cleanse by the gas the following materials are needed: Potassic cyanid (98 per cent) .25 gram per cubic foot; sulphuric acid, one-half more by measure; water, one-half more than sulphuric acid. Multiply the number of cubic feet to be fumigated by .25, giving the number of grams of cyanid; divide the answer by 28.35, giving the weight of the cyanid in ounces. Take one and a half times as many fluid ounces of acid and two and a half times as many fluid ounces of water as ounces by weight of cyanid. Mix water and acid in an earthen or granite ware jar, then by loose bag and string drop in the cyanid after closing tightly the house to be fumigated. Leave closed forty minutes; then open from the outside and air thoroughly for at least ten minutes before entering.

To cleanse an empty house by sulphur,



Chicago: The Shipping Market. A Small Part of the Shipments May 28.



Chicago: The Shipping Market. A Small Part of the Shipments May 28.

close the house tight and burn 200 grams (about six ounces) to 1,000 cubic feet of space. Keep the house closed at least twelve hours.

THE SHIPPING MARKET.

There can be no question but that New York handles more cut flowers than any other city in the country, but there is no market which can compare with Chicago as a center for the shipping trade. This has been well understood for years, but the new arrangements resulting from the express drivers' strike in Chicago have served to emphasize the fact. When five express companies each sent a wagon into the market to pick up outgoing shipments it so separated the boxes that their number was hardly apparent, but under the exisiting arrangement the shipments from the seventeen wholesale places are consolidated and make an impressive showing.

On Sunday before Decoration day probably more boxes went out from the Chicago market than on any one previous day. They were all consolidated at the corner of Wabash avenue and Randolph street and loaded upon the wagons which the wholesalers are operating on their own account in the absence of the express service. The accompanying illustrations serve to give a partial idea of what the business amounted to on that day. In all between 700 and 800 boxes went out and the pictures only show a small part of the day's business. It is estimated that $20 is a fair average value for each box. On that basis the day's shipments would have approximated $15,000.

Not only do the huge piles of boxes serve to give an idea of the extent to which the shipping business has grown, but the division according to the trains serves to give an idea as to where Chicago gets the bulk of its business. Pittsburg gets a great deal of stock from Chicago; so does Omaha and so do St. Paul and Minneapolis, while other cities in the far west and northwest are also heard from. But it was noticeable that the largest pile of boxes under the present shipping arrangement has been the one that was to go out on the Illinois Central. The south is Chicago's best customer.

The strike of express drivers and other teamsters in Chicago, although it has now apparently worn itself out, has served to deprive Chicago of millions of dollars of business, but the wholesale cut flower industry has escaped better than any other line at all dependent upon express service. The day after the strike began, on April 27, the wholesalers met and organized the Chicago Wholesale Florists' Association, with F. F. Benthey president, John P. Risch secretary and C. M. Dickinson treasurer. The association engaged Fred Lautenschlager to conduct its transportation business. The strikers permitted Mr. Lautenschlager to pass the picket line with "funeral flowers." Since the day of its inception the service has operated to greater satisfaction than the former service of the express companies. On some days, like May 28, five wagons have been employed in hauling the shipments, making trains on short notice and at any hour. The agreement was that the wholesalers should share in paying the expenses of the service in proportion of the number of boxes each house had to go out. To date (six weeks) nearly 7,000 boxes have been handled and the cost has been only about 13 cents per box. And if it were not for Sunday, when overtime has to be paid and few shipments are made, the cost would be much less. Certainly the Chicago wholesale cut flower industry is to be congratulated upon the way it has come through the present labor difficulty.

A PERMANENT BENCH.

At the George Wittbold Co.'s establishment in Chicago, they are building benches after a fashion of their own, but which are warranted to be as near permanent as anything connected with a modern greenhouse and which are also comparatively inexpensive.

To begin with they set a cement foundation for vitrified drain tiles to serve as legs for the bench. When these are set they cover them with a flooring of boards to serve as a temporary bottom for the bench. When this is completed a strip of galvanized iron six inches wide is laid on for the sides of the bench. The end pieces are wood. The sides are held together by rods of half-inch pipe across the bench at the bottom, through which a rod and bolt tie the galvanized iron sides to the pipe. When all is in position they fill an inch of cement around the pipes which are lying on the temporary wooden bottom. When the cement is set they knock out the wooden flooring, which permits the permanent bench to settle upon its tile supports. There is a row of supports through the middle of the bench if it is a wide one and a bench not only has good drainage but is strong, indestructible and easy to empty.

PIPING.

I have a greenhouse 14x50 feet and ten feet to the ridge which is to be heated by hot water. What size and how many runs of pipe will be needed to get 50 to 55 degrees at night when the outside temperature is 6 degrees below zero? I have 100 feet of 2½-inch pipe I would like to use. C. L. L.

Since you have the 100 feet of 2½-inch pipe on hand, it would not be improper to use this size throughout. Three hundred feet in all, of 2½-inch pipe, would be required, or the 100 feet of 2½-inch you have on hand and 230 feet of 2-inch, 290 feet of 1½-inch, or 330 feet of 1¼-inch. The larger pipe should be used as flow pipes and the smaller for returns. L. C. C.

GAS FOR MEALY BUG.

My greenhouses are overrun by mealy bugs and I should like to try the cyanide of potassium fumigating process. Will you be good enough to publish in the REVIEW the formula and quantity to use per cubic foot in a rose house, carnation house, violet house and a house containing orchids, palms and ferns? E. C. D.

If anyone has fumigated orchids with hydrocyanic acid gas it has not come under our attention. The materials required are ninety-eight per cent cyanide of potassium, commercial sulphuric acid and water. The method of combining

and quantities required have been published so often that doubtless the editor will not care to devote space to going fully into the subject again. A great deal of caution is necessary, not only because the gas is deadly poison, but because too much of it will burn the plants. The young growth of roses is particularly sensitive. A great deal will also depend on the tightness of the houses in determining the quantity of gas to be used. For a starter the quantity of cyanide should not exceed one-tenth of a gram for each cubic foot. Better start weak and watch results; you can increase the dose as conditions warrant. If you do not keep your Reviews on file for reference, as you should, and if you have no copy of Scott's Manual, send to the Department of Agriculture, Washington, D. C., for Circular No. 37, entitled "The Use of Hydrocyanic Acid Gas for Fumigating." H. O.

Vegetable Forcing.

The U. S. Department of Agriculture has issued a bulletin, No. 220, entitled Tomatoes, by L. C. Corbett, to supersede the one on this subject issued in 1898. All phases of the subject are covered in the new work.

VEGETABLE MARKETS.

Chicago, June 7.—Cucumbers, 25c to 50c doz.; mushrooms, 35c to 60c lb.; lettuce, 20c to 35c case; head lettuce, 50c to $2 tub.

Boston, June 5.—Cucumbers, $1.25 to $3.50 box; lettuce, 15c to 25c doz.; tomatoes, 12½c to 15c lb.; beets, $1 doz. bunches; carrots, 75c to $1 doz. bunches; turnips, 75c doz. bunches.

New York, June 5.—Cucumbers, $2.50 to $3 case; lettuce, 75c to $1.50 bbl.; mushrooms, 15c to 40c lb.

FIXING UP AND CLEANING.

Now that the busy season is over, this is a good time to look over the houses and benches and have all necessary repairs attended to. It is poor policy to wait and run the risk of delaying the planting, when repairs may be as well attended to now, besides, when plenty of time can be given to repairs they can be done far more satisfactorily than when things have to be rushed.

The houses should be painted over, both outside and inside, if they are at all in need of it. A house kept in good repair and kept well painted will outlast a structure neglected in this respect by quite a few years, so it is poor policy to try and save expense by withholding the paint.

Though plants may not grow any faster in a clean, fresh house, nevertheless they won't be so much troubled with insect enemies. In houses where such pests as mealy bug have been troublesome, the house must receive a thorough cleaning or the pest will be far more troublesome the coming season. The best way to clean it is to give it a coat of paint. This we generally find better and easier than washing when the washing has to be thoroughly done. To thoroughly wash and scrub a house takes quite some time and unless time and labor are spent on it, it might as well be left alone, for the insects harbor in every little crevice and if only a few are left they will accumulate so quickly as to prove a serious menace to any crops on which they find a breeding place.

Where any benches are to be renewed, use cypress in preference to any other kind of wood. It may cost more but its lasting qualities more than counterbalance the extra cost.

When the benches are empty they should receive a good whitewashing with lime. This not only destroys all insect life and spores of fungi but is one of the best wood preservatives that can be used.

Any old tobacco stems or other rubbish should be raked from under the benches and all around under the benches should be dusted with air-slaked lime. A liberal dusting will kill all snails and other insect life and help to sweeten the atmosphere of the house. Some may think that all these preliminaries are unnecessary but those who go to the trouble of attending to them will find in the end that it is time and labor well spent.

W. S. Croydon.

TOMATOES UNDER GLASS.

By George E. Stone, Amherst, Mass.

Tomatoes have been grown under glass in Massachusetts for over twenty-five years. They have not, however, been so extensively and profitably grown as cucumbers and lettuce. The method of growing this crop has not undergone any remarkable changes, as is the case of lettuce and other greenhouse crops.

Seeding and Transplanting.

Tomato seeds are usually sown in flats, and when the seedlings are from two to three inches high they can be conveniently transplanted into 3-inch pots. They may be left in these pots until they have thickened up somewhat and reached a height of eight inches or more, when they should be transferred to 6-inch pots, where they can be left until ready for final transplanting. Plants twelve to sixteen inches high are suitable for setting in the beds.

There is an opportunity in transplanting, as in most other things, for the exercise of judgment. We have frequently transplanted the third time into 10-inch or 12-inch pots, but this third transfer is not necessary, although the time of final transplanting can be deferred if the plants are in large pots. One can also get along with one transplanting, namely, into 6-inch pots from the flats. We believe the opinion is generally held that transplanting induces the growth of better and more stocky plants, and we believe that two transplantings give better results than one.

Soil Conditions.

Unlike lettuce, tomatoes are not especially susceptible to soil texture. Any good loam is suitable for them and they even do well in coal ashes when supplied with chemical fertilizers. A soil containing one-third horse manure, one-third loam and one-third decomposed soil furnishes a desirable media for tomatoes. By the application of a liberal supply of manure each year a soil of this nature can be used indefinitely.

Pots, Benches or Beds.

Tomatoes are frequently forced in 10-inch or 12-inch pots, but our experience in growing in pots of the size noted above has not been such as to recommend them for large crops. Root restriction has a tendency to induce early maturity of fruit and limit the life of the plant. Pot-grown plants, according to our experience, are likely to become spindling. Sixteen or 18-inch boxes are superior to pots, and we believe that only one plant should be grown in boxes of this size.

Bench culture is better than pot culture, since the roots have more available space to utilize, and better plants and larger crops can be grown in benches six inches deep than in pots. We have grown extensively in pots, shallow and deep benches and in raised solid beds, and we prefer solid beds to either benches or pots, although benches twelve inches deep and two and one-half feet wide have given good results.



One of the Unique Conceptions of C. H. Fox, Philadelphia.



This Spring's Display of Calceolarias at Garfield Park, Chicago.

Pruning.

It is the consensus of opinion among those who have grown tomatoes under glass that the one shoot system gives the best results. In other words, the largest amount of fruit per square foot of ground surface can be obtained from one-stemmed plants. Space under glass is expensive and greenhouse gardeners should consider carefully what returns each square foot is capable of producing under normal conditions.

The single-stemmed plants are obtained by keeping all of the laterals and axillary shoots removed. Plants grown in this manner can be set from twelve to sixteen inches apart in the rows, but we do not think it desirable to have the rows less than four feet apart. The axillary shoots in any system of pruning should be nipped out, as they are of little or no use to the plant. In our opinion, if they are allowed to grow they take more from the plant than they are capable of returning.

Sometimes old plants are regenerated by cutting the leaders back and allowing axillaries to develop and bear fruit. We have tried this method on old plants that have completed their first crop and have found these axillary shoots to be poor, unsatisfactory bearers under all circumstances.

Tomato stems readily take root when placed in sandy soil, and some growers have recommended cuttings of tomatoes rather than seedlings. We have tried both methods side by side under glass and consider the cuttings poor material.

Occasionally tomatoes are pruned to two or more stems. This is accomplished by either allowing one or more of the strong laterals to develop or by cutting the young plant back near the ground and inducing two or more leaders to develop.

Heading.

Tomato plants grown in good soil can amply supply plastic material for the development of a number of clusters of fruit, but experience has shown that single-stemmed plants set closely together are capable of producing the largest amount of fruit per square foot of ground surface. With any system of pruning it is especially desirable, according to our view, to practice heading in the leader above the fourth or sixth cluster of fruit.

We have shown in our experiments that heading in constitutes the best method of diverting the energies of the plant into the fruit. Every part of the plant is influenced and modified in its growth by pruning. For example, pruning the lower leaves affects the size of fruit, but more especially the growth of the stem, whereas, heading in produces the most favorable modifications in the fruit.

In pruning the following law should be borne in mind. Namely, that pruning secondary organs (leaves, etc.) the energies of the plant are directed toward the leader, and, conversely, by pruning primary organs (stems, leaders, etc.) the energies of the plant are directed toward the development of secondary organs (fruit, etc.).

The advantages of pruning are as follows: To secure early maturity of fruit; to obtain larger average size of the same; to expose the fruit to light, and to restrict the vines to certain definite space.

(To be Continued.)

PIPING.

I have just finished a new greenhouse and would like to be told how to pipe it for hot water. It is a lean-to on the east side of another house, forty feet long, ten feet wide, five feet high on the east side and seven feet on the west where there are forty-two inches of glass. I want to keep 70 degrees in the Wisconsin climate. W. P.

For heating this house I would recommend one 2-inch flow pipe along the side next to the adjoining house, this pipe to cross the far end of the house, and six 2-inch return pipes under the bench on the outer side of the house. Two or three of these return pipes should be controlled by having a gate valve inserted near the lower end. These pipes should have a fall of at least four inches in the length of the house. The air outlet should be at the highest point in the flow pipe. L. C. C.

ARSENICAL INSECTICIDES.

The arsenical compounds have supplanted, practically, all other substances for the insects which feed externally and may therefore be destroyed by applying poison to the leaves and stems of plants. The two arsenicals in most common use, and obtainable everywhere, are Paris green and London purple. The other arsenicals mentioned, viz., arsenite of copper, arsenite of lime, and arsenate of lead, are less known and not so easily obtainable, but in some respects are better than the first-mentioned poisons, as will be shown later. Powdered white arsenic cannot be employed on account of its scalding action on foliage.

The arsenicals mentioned have the following characteristics, according to a bulletin of the United States Department of Agriculture:

Paris green is a definite chemical compound of white arsenic, copper oxide, and acetic acid (known as the aceto-arsenite of copper), and should have a nearly uniform composition. It is usually a rather coarse powder, or, more properly speaking, crystal, and settles rapidly in water, which is its greatest fault. Its excessive cost, about 20 cents a pound, is due to its being crystallized with acetic acid, making it a more brilliant pigment, but giving it a coarse grain and rendering it a much poorer insecticide.

Copper arsenite is similar to Paris green in color, and differs from it only

in lacking acetic acid; in other words, it is the simple arsenite of copper. It is a much finer powder than Paris green, and therefore more easily kept in suspension, and has the additional advantage of costing only about half as much per pound. When properly washed and prepared by the manufacturers it is no more harmful to foliage than Paris green when the latter is brought to an equal fineness, is quicker in effect, and should supplant the latter as an insecticide. It is used in the same way and at about the same strength as Paris green and London purple.

Arsenite of lime, following substantially the Kedzie formula, is prepared by the aid of soda as follows: White arsenic, one pound; sal soda crystals, four pounds; water, one gallon. Boil the arsenic and sal soda in the water for twenty minutes, or until dissolved. Add enough water to make up for the loss by evaporation. This stock mixture will keep indefinitely. For ordinary spraying operations add one pint of the stock mixture to forty gallons of water, in which has been previously mixed about three pounds of freshly slaked lime. Chemically, this arsenical is arsenite of lime. The soda is used to hasten the process and to insure the combination of all the arsenic with the lime. The greatest care should be exercised in preparing the stock mixture, and afterwards in keeping it plainly labeled to prevent its being mistaken for some other substance. In actual practice the arsenite of lime has proven as effective as the older arsenical compounds. Its cost is very inconsiderable, which, with its proven effectiveness, is its chief recommendation. The objections to it are the necessity of handling poisons in its home preparation and its color.

London purple is a waste product in the manufacture of aniline dyes, and contains a number of substances, chief of which are white arsenic and lime. It is not so effective as the green poisons, and is much more apt to scald unless mixed with lime. It comes as a very fine powder, and is more easily kept in suspension than Paris green. It costs about 10 cents a pound.

Arsenate of lead is prepared by combining, approximately, three parts of the crystallized arsenate of soda with seven parts of the crystallized acetate of lead (white sugar of lead) in water. These substances when pulverized unite readily and form a white precipitate, which is more easily kept suspended in water than any of the other poisons.

Arsenate of lead may be used at any strength from three to fifteen pounds to 100 gallons of water without injury to the foliage, and in this respect is much safer on delicate plants than any other arsenical. The combined weights of the two ingredients are here meant rather than of the resulting lead arsenate, which will be somewhat less. Its use is advised where excessive strengths are desirable or with delicate plants where scalding is otherwise liable to result. With this insecticide there is an advantage in using the freshly prepared and wet mixture in that it gives a more filmy and adhering coating to foliage, the same fineness not being secured when it has been dried and repulverized.

In point of solubility and corresponding danger of scalding the foliage these arsenicals fall in the following order, the least soluble first: Arsenate of lead, arsenite of lime, Paris green, copper arsenite, and London purple. The difference between the first four is not great in the particulars noted nor in point of effectiveness against larvæ or other insects. London purple is ordinarily considerably less effective.



John H. Dunlop.

JOHN H. DUNLOP.

The largest greenhouse establishment in the Dominion of Canada, and one of the largest in America, is that of John H. Dunlop, of Toronto. As is the case with all of the older establishments, this one grew from a very small beginning, slowly at first, keeping in step with the development of the demand for greenhouse products. Mr. Dunlop was born in 1855, in New York, but his family removed to Toronto in the early 60's. The boy was not content until he had roamed a bit, but in 1875 he settled down in that city. It was five or six years later that he built his first greenhouse, the embryo of the present enormous establishment. It was added to year by year as space was required, for the business grew steadily, even faster than the normal development of our industry, for Mr. Dunlop has always been a producer of that grade of goods which causes the buyer to seek the source of supply. An old philosopher once said something to the effect that if one sets up his dwelling in the wilderness and produces a better article than can be had elsewhere, the buyers will beat a pathway to his door. Mr. Dunlop has endeavored to act on that line of reasoning.

The early houses in this establishment were of most crude construction but, as years have gone by, every new idea has been given a trial and Mr. Dunlop has said of his place that in no other establishment in America have so many styles of greenhouses been built. He says that his preference is for the modern, high, light, connected houses but that it is his experience that, given a good enough grower, the stock will be all right whatever the style of greenhouse.

Mr. Dunlop was a pioneer in the forcing of lily of the valley in Canada and he has also led the way in the culture of roses and carnations. Even in the face of the tariff charge, Mr. Dunlop's roses steadily find their way to several of the principal cities south of the great lakes.

Mr. Dunlop has traveled widely in his efforts to keep pace with the floriculture procession and has visited most of the well known establishments in the United States. He is active in society matters and was for a term president of the Canadian Horticultural Society. At the last meeting of the Carnation Society he was the spokesman for Canada in its invitation for the society to cross the line, as it has practicaly pledged itself to do in 1907.

Please stop our advertisement of mums and geraniums; all sold.—A. Relyea & Son, Poughkeepsie, N. Y.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the Review and select a man to whom to telegraph the order. You will find it a very satisfactory source of business.

BUFFALO.

Memorial Day.

We were told by our weather man that Memorial day was to be cloudy and rainy and other disagreeable things. How good that his word, like many others, is not infallible. It was a glorious day, warm and bright from early morn to dewy eve, and all the population that was not bedridden seemed to be outdoors. It seemed to be an extra day in this city. In the morning there was a small monument unveiled at the grave of Gen. Parker, a full blooded descendant of Red Jacket and who was a right bower of Gen. Grant in the closing scenes of the great war. He lies with other illustrious red-skinned Americans near Red Jacket in beautiful Forest Lawn.

Later in the day a splendid plot of ground was dedicated to the soldiers and sailors of all our wars who lie in Forest Lawn. Their number has outgrown the capacity of the old plot. This attracted thousands to Forest Lawn and other thousands went to visit the resting place of their friends. Altogether it was the greatest Memorial day we can remember and all this helped the business.

Flowers were none too plentiful. Tulips were all gone and lilac and snowballs scarcely in. Valley was just right, but we had to depend largely on carnations, roses, lilies and other greenhouse flowers. The demand was certainly great. Many of the donations from the public schools to the G. A. R. consisted of flowering plants, mostly geraniums, fuchsias and small hydrangeas. Many hundreds of vases had been promised for Memorial day, and, wet weather having delayed work the previous week, it meant a killing forty-eight hours for the Pine Hill folks as well as for the Limestone Ridge florists. In Forest Lawn it was a procession of florists' wagons for Sunday, Monday and Tuesday.

The market people did a great business for several days previous. A. F. Christenson had seven wagons going to Chippewa market all day Saturday. The Main street stores made a fine display and all seem to have cleaned out everything. But in this cool locality the plant business will not be over for two weeks. This is really the week of the rush. All are afraid of frost until June 1 and then all want their gardens fixed up at once.

Various Notes.

Mr. Braik is filling the park beds this week. It would be difficult for the most expert commercial man to turn out more in quantity or finer in quality than he does from three houses each 20x100. But here is a splendid illustration of the great use that can be made of hotbeds and cold frames. Hundreds of sash have been filled with fine stuff, all the overflow from the three houses. All together about 300,000 bedding plants will be put out, besides the large quantity that Prof. Cowell uses in the South park. You know the Elks are coming and, if they will be able to see at all, we want them to see Buffalo beautiful. As the weather will likely be hot when the army of philanthropists meets here, there is some talk of filtering Lake Erie for their especial benefit.

Visitors of late: S. S. Skidelsky and Mr. Platibus McHutchinson. W. S.

PRINCETON, KY.—J. S. Stremler says business has been exceptionally good this season. His Decoration day sales were double last year's.

ST. LOUIS.

The Market.

Decoration day trade, which never amounts to much here, was surprisingly good and all report a great increase for this holiday. The wholesalers, too, report a big shipping business the day before. All grades were picked up at advanced prices and stock became suddenly scarce. Retail prices also advanced to double. The best grade of stock was not looked for, as is usual on floral holidays. The plant business was very heavy, probably far ahead of any year, especially with the florists who are near the big cemeteries.

This week we expect much activity among the local trade for weddings and school closings, and the wholesalers expect a heavy demand all during this month. Today, Monday, stock is coming in small lots and it looks as though there will be a scarcity in all grades this week. Long Beauties are limited to a few hundred. Mediums and shorts are plentiful.

Enclosed is my check for $3.00 to cover your charge for space in

THE WEEKLY FLORISTS' REVIEW

Dandy Adv. Never saw anything like the quick response. Sold out in two days. Had to return about $60 and have orders still coming in.

W. C. ROCKWELL

Bradford, Pa.,
May 30, 1905.

Fancy stock in the smaller roses is becoming scarce, though plenty of poorer grades are in. Carnations have been short of the demand since Decoration day, at from $2 to $3 per hundred. Lily of the valley is selling much better and some extra fine stock is in the market. Sweet peas are coming in heavily. The bulk of this stock comes from Kirkwood, where about ten growers are trying to outdo each other with this popular flower. White, pink and lavender sell the best. A few callas and Harrisii are still coming in. Peonies in this locality are over and those in the market are being shipped in.

Planting season is about over and the growers are getting busy making alterations and building new houses so as to be ready for the fall trade.

Various Notes.

Harry Balsley, of Detroit, is in town.

Charlie Wors is selling flowers at the West End Heights garden and Fred Foster has the stand at Delmar garden. Both report good trade, especially on Sundays.

City Hall park looks very handsome this year. Those fifty fine specimen bay trees set it off nicely. The bedding, too, is very attractive. Forest park, too, under the supervision of George Ostertag, has some very attractive bedding.

President Charles Juengel, of the Florists' Club, has been ill the past week, but is about again and will be in the chair at the club meeting this week.

Miss Tillie Meinhardt reports that they were so busy on Decoration day that they could hardly attend to all the wants of their customers. Everything sold clean.

Miss Schnell, over in East St. Louis, has moved to a better and larger location. She buys all her stock on this side of the river and reports a big trade on Decoration day.

Frank M. Ellis is now one of the vice-presidents of the American Chocolate Culture Co., which has large plantations in bananas and chocolate trees in Panama, with offices in the Fullerton building of this city.

Fred Foster got quite an advertisement out of the daily press by chasing a man who stole $10 from him through the principal business streets, several hundred men joining in the chase.

Henry Ostertag reports that he has several large weddings on for this month. Decoration day business and plenty of funeral work kept them very busy all of last week.

Miss Beula Hurst is now with the St. Louis Palm Co., having left the employ of Miss Badaracco a week ago.

The local seedsmen are making preparations to attend the twenty-third annual convention of the American Seed Trade Association at Alexandria Bay, N. Y., this month. They say quite a number from here will attend.

The American Association of Nurserymen, which meets in convention next week Wednesday at West Baden Springs, Ind., will have a good representation of local nurserymen in attendance.

Henry Lohrenz, who operates the Park Floral Co., reports a nice trade this spring in plants and floral work of all kinds.

Charles Kuehn says he will grow a mustache this summer to make him stronger in his bowling. This one, he says, will so eclipse any former attempts that his friends will hardly know him at Washington this summer.

Carl Beyer, who has not been bowling much of late, says he is getting too fat. Carl should cut out banquets and take J. Austin Shaw's remedy, a fast.

The Plant and Cut Flower Growers' Association will hold its June meeting next Wednesday afternoon at 3 p. m. in Louisiana hall.

June 4 was the first Sunday opening of the year at the Missouri Botanical Garden, which is only open to the public on two Sundays in the year, June and September. Nearly 15,000 visited the garden during the day. In the absence of Prof. Trelease, Mr. Irish and the students were on hand to show the visitors through this beautiful place. The garden is in excellent condition. The orchid house was the most interesting point, which is in charge of Geo. McClure. The other interesting point was Tower Grove park, near by, which is one of our finest city parks, under the supervision of James Gurney.

At the bowling meeting on Monday night six members and Harry Balsley, with his peculiar "spit" curve ball, rolled a few games, which resulted as follows: Beneke, 848; Kuehn, 815; Beyer, 736; Balsley, 736; Gerlach, 609; Lohrenz, 324; Meinhardt, 527.

J. J. B.

BOSTON.

The Market.

Memorial day trade was admittedly far ahead of that of any previous year. Later reports are practically unanimous on this point. The market has cleaned up remarkably well since then, considering the quantity of material which is coming in. Roses continue plentiful. White moves slowest. From $1 to $4 are ruling quotations on Brides and Maids, a few select going up to $6. Best Beauties continue to bring $25. Carnot and Kaiserin are coming in more plentifully. Select carnations fetch $4, good stock $2, while the poorer grades go as low as 75 cents.

Sweet peas are poorer in quality. Top price for these is 75 cents. Lilium Harrisii is rather scarce at $10 to $12.50. Valley from outdoors is now over. A few peonies are coming in, chiefly the officinalis and single varieties. Doubles will not be in season this week unless we have very hot weather. Such promiscuous stock as feverfew, stocks, candytuft, etc., sells slowly. Good colored gladioli sell well, the best reaching $10. If the drought continues outdoor flowers will not prove much of a factor this season. Peonies look well, but roses are much below the average.

Rhododendron Show.

The annual exhibition on June 3 and 4 took place a week too early for rhododendrons, nevertheless there was a very nice display of this popular flower. The largest exhibitor was Walter Hunnewell, T. D. Hatfield, gardener, who staged over 300 bottles. E. A. Clark took first prize for twelve hardy varieties. For six varieties, Mrs. J. L. Gardner, Wm. Thatcher gardener, Blue Hill Nurseries, and W. J. Clemson, J. O. Christensen, gardener, won in order named. Mrs. Gardner also made a large general display. T. D. Hatfield secured a silver medal for a magnificent plant, beautifully flowered, of Rhododendron lucidum grown in a tub. The plant was eleven feet high and as much across. For twelve vases hardy azaleas William Whitman, M. Sullivan, gardener, was first, and T. C. Thurlow second. Mrs. J. L. Gardner was first and T. C. Thurlow second for six varieties. W. Whitman was first and second for finest single sprays.

Mrs. J. L. Gardner took first for the best collection of pyrethrums with an excellent lot, W. J. Clemson being second. For thirty-six vases of Iris Germanica W. Whitman was in the lead. Some extensive collections of hardy ornamental trees and shrubs were shown, E. A. Clark being first, followed by Mrs. J. L. Gardner and W. H. Heustis.

There was a fine display of tree peonies, Mrs. J. L. Gardner winning, followed by T. C. Thurlow. For thirty varieties herbaceous flowers Blue Hill Nurseries won with an excellent lot, a large vase of Incarvillea Delavayi being especially noteworthy. W. J. Clemson was second. J. E. Rothwell, Emil Johansson, gardener, had a fine table of orchids, mixed with adiantums and Asparagus Sprengeri, which secured first prize in its class. The same exhibitor secured a certificate of merit for Lælio-cattleya Lycidas (L. tenebrosa x C. Schrœderæ) and honorable mention for Cypripedium Lamontianum (C. Calypso x C. Rothschildianum).

E. O. Orpet showed another of his seedlings, Lælia Pacavia (L. tenebrosa x L. purpurata) which received a certificate of merit. He also had a vase of fine spikes of Odontoglossum crispum and Cattleya Mendelli Morganiæ. Edward McMulkin put up a large group of palms and other decorative plants, W. Whitman a collection of named pyrethrums from Kelway, sweet williams and moutan peonies; R. & J. Farquhar & Co. had a collection of Iris Germanica and other herbaceous plants; Mrs. E. M. Gill a general display, the Groton School of Horticulture fine white stocks. The Boston park department had an extensive display of branches of flowering trees and shrubs, which was quite an attraction. We hope to see further exhibits from them, but trust J. W. Duncan will have them staged before 12:30, seeing that the exhibits are supposed to be ready at 11 o'clock. Dr. C. G. Weld, Wm. C. Rust, gardener, received a cultural certificate for two big and grandly flowered specimens of the old Calceolaria rugosa Golden Gem. For forty bottles native plants Mrs. Arthur Clark and the East Weymouth School were first and second.

Owing to the season being a little late, the annual peony show has been postponed from June 10 to June 17.

Quite a number of applications for visits have recently been received by the garden committee. Dr. C. S. Minot, Dr. R. T. Jackson and T. C. Thurlow have entered peony gardens and the Plant Estate, Groton, Conn., their herbaceous garden for new prizes offered in the schedule.

Flower Markets' Picnic.

The stall-holders of the two flower markets had ideal weather for their picnic on June 3, which was held in a field kindly loaned by Robert Montgomery, of Natick. As the speedy Boston and Worcester electrics passed the grounds every few minutes, transportation was very convenient. About 100 florists, with a goodly sprinkling of ladies, were present. The chief attraction was a baseball game between teams from the rival markets, which lasted most of the afternoon and proved exciting enough to suit the most pronounced fans. Brophy and Fisher had a great pitchers' battle for supremacy, which was kept up to the end of the tenth inning. The teams were as follows:

Park St.		Music Hall.
Guerrineau	C. F.	Holden
Free	1 B.	F. Capers
Evans	S. S.	Ward
Stock	L. F.	Rough
McGinty	3 B.	Matthews
Manter	R. F.	Elwood
Harrigan	2 B.	H. Capers
Edgar	C.	McFarland
Fisher	P.	Brophy

It was necessary to play ten innings to decide the game, the Music Hall market finally winning by 13 to 12, amid the enthusiastic cheers of their supporters. As all the players showed champion form it would be invidious to select any particular stars. Suffice it to say that we think some of the floral ball players should soon secure admission to one or other of the Boston league teams.

In addition to the baseball games, races and dancing were in order, some inspiring music being furnished for those who chose to trip the light fantastic on the green sward. Refreshments were served to everyone and all present voted that they had had a first-class time.

Mr. Montgomery's rose houses were inspected during the afternoon. Every thing was found in fine shape. A house of Brides and Maids planted April 6 was yielding some fine flowers. Several houses of older stock, some two years old, mostly of the same varieties, looked remarkably well. Mrs. Oliver Ames, which originated here, is well thought of and gives more flowers than any other sort. Some Liberties are grown and Richmond will be given a trial for next season. A small division of grafted plants of Wellesley looked well.

The good fellowship displayed should lead to other joint gatherings and eventually we trust to a complete amalgamation. Boston needs one big wholesale market and there is no reason why the two markets should not come together again.

Various Notes.

J. Montgomery Sears, Boston's heaviest tax-payer and wealthiest citizen, died on June 2, aged 51 years. He and Mrs. Sears were generous patrons of horticulture and had a fine estate at Southboro, Mass., where Alex. Ogg has charge of the horticultural department. Exhibits at Horticultural hall have taken quite a number of prizes, gardenias, amaryllis and Lorraine begonias being especially well done.

James H. Morton was the recipient of a handsome cane from Boston lodge of Elks on Memorial day, Mrs. Morton receiving some bric-a-brac.

Dr. L. O. Howard, of Washington, has been in Boston the past week conferring with Prof. Kirkland and others in regard to natural parasites for the brown tail and gypsy moths, which are to be introduced from Europe. "Let us spray" is at present the cry of those in our near-by towns who are urging vigorous measures against the moth pests.

Very special attractions are being arranged for the June meeting of the Gardeners' and Florists' Club. The attendance is expected to be a record-breaking one. The executive committee has decided on a place for the July picnic, one which could hardly be improved upon.

At the recent exhibition T. C. Thurlow showed a fine collection of varieties of Peonia officinalis embracing the following varieties: Aretina Baxteri, splendens fulgens, officinalis rubra, La Nigresse, Sabini, Smoutha, Etoile de Pluton, officinalis alba and officinalis rosea.

A. H. Fewkes and Julius Heurlin will represent Boston at the coming peony show in Chicago.

Prof. C. S. Sargent entertained the directors of the Massachusetts Horticultural Society on June 5. The Arnold Arboretum and Holm Lea were inspected and the visitors saw much to admire during the afternoon. In spite of the drought the trees, shrubs, lawns, etc., looked remarkably well. W. N. Craig.

CATALOGUES RECEIVED.

Flewin's Gardens, Victoria, B. C., native plants; Peterson Nursery, Chicago, peonies and irises; A. Klokner, Wauwatosa, Wis., glass repair clips; J. G. Peppard, Kansas City, seeds; Wm. Bull & Sons, Chelsea, London, England, plants; E. H. Hunt, Chicago, florists' supplies.

Denver, Colo.—The Park Floral Co. will shortly erect an addition to its glass.

Muncie, Ind.—Simon Humfeld has for years heated his greenhouses by exhaust steam from the city's electric light plant at a cost of about $600 a year but the board of public works objects to the renewal of the contract on the ground that a considerable pressure is required to force the exhaust steam over to the greenhouses. Mr. Humfeld may have to install boilers of his own.

June Weddings

AND COMMENCEMENTS

We have supplies of all Seasonable Cut Flowers to fill every need. Specially strong on **Beauties, Peonies and Sweet Peas,** the most popular flowers of the season. Let us have your order.

Headquarters for SMILAX and ASPARAGUS

You cannot make a decoration of cut flowers alone; it takes some long, heavy strings of "green," either Smilax or Asparagus. We have inexhaustible supplies. Also Sprengeri, Adiantum and Ferns.

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$3.00 to $4.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	
	Per 100
Brides, Bridesmaids	$3.00 to $ 6.00
Kaiserin, Golden Gate	4.00 to 8.00
Liberty, Chatenay	4.00 to 10.00
Carnations	1.50 to 2.00
" large and fancy	3.00
Peonies, per doz., 50c to 75c	4.00
Valley	2.00 to 4.00
Callas, per doz., $1.00 to $1.25	
Easter Lilies, per doz., $1.50	10.00
Sweet Peas	.75 to 1.00
Mignonette	35 to .75
Marguerites	.75
Shasta Daisies	1.50 to 2.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Galax, per 1000, $1.25	.15
Adiantum	1.00
Smilax, per doz., $1.50	10.00

NEW FERNS

This season's first pick in the Berkshire Hills; the best Massachusetts stock. $2.00 per 1000; 25c per 100.

Ask for special quotations on 1000 lots Roses and Carnations.

Subject to change without notice.

E. C. AMLING,

Long Distance Telephones: 1978 and 1977 Central. 7846 Automatic.

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-34-36 Randolph St., CHICAGO, ILL.

Mention The Review when you write

CHICAGO.

The Market.

Business continued good up to Saturday of last week, when the market weakened materially, and this week conditions have been as bad as ever in the history of this market.

The weather up to Sunday had been cool, but on that day the thermometer registered 86 degrees and the local peony harvest began. As one grower stated, he cut 'Old Red in the morning and Late Rose in the afternoon, the day serving to advance the crop as much as had the previous week. On Monday 90 degrees was registered and Tuesday was hotter, with the result that the peonies are arriving in an unprecedented flood. It is impossible to do anything with them except put them in cold storage, and only a few of the growers are sufficiently versed in the matter of cutting and bunching to make their stock possess the necessary keeping qualities for cold storage; it takes a lot of fast work in such great heat. If this weather continues for the balance of the week the peony crop will be out of the way, however, and the cold storage stock will resume the dominant position it held all last week, when sales and prices left little to be desired.

The heat has served to rush along the roses and the market is tremendously overburdened with stock, small, and soft, and pale. The select goods are still making a fair price, but only a fraction of the receipts come in this class. With the bulk of the goods it is a case of taking what the Greeks will give. The rose market is in a much worse way than the carnation market, although the latter is bad enough. There are very large receipts and keeping quality is none too good. Prices are low on the best stock and the accumulation has to be sacrificed.

In fact, it may be said that aside from the shipping trade there is no market and the bulk of the stuff is almost unsalable. But if the heat continues the crops will soon pass off and if a cold wave follows it will send the market to the other extreme. Weather and prices have been found to be "subject to change without notice."

Sweet peas are in large supply, but are selling fairly well at cheap prices. Bulbous stuff, except Easter lilies and callas, is out of the market. Daisies sell well in a limited degree. Spring wedding decorations are calling for green goods. The new Massachusetts ferns arrived this week and good stock in this line is again available.

The Express Service.

On Monday the express companies resumed the pick-up service as operated before the strike, and, although their hands are green, they are doing very well. The wholesalers' association teams will be retained until the end of this week to guard against any possible further difficulties attending the strike.

Various Notes.

John Brod has sold his greenhouse establishment at Niles Center to Albert Lies, a brother-in-law of Matt Mann, who has taken possession and is sending his cut to Zech & Mann. The place comprises about 60,000 feet of glass. It is the old Schiller establishment, but has been rebuilt within the past few years. Mr. Lies will expend something like $4,000 this summer in putting it in first-class shape and will devote it to roses and carnations for next season.

The Des Plaines Floral Co., which has operated the F. C. Pruse place at Des Plaines under a lease, has just consummated the purchase of the establishment. H. C. Blewitt, who has sold the product at the Growers' Market, will in the future devote himself to the growing department and the stock will be sold by Percy Jones.

The firm of Gollan & Wolf, at Downers Grove, has been dissolved by mutual consent, Mr. Wolf retiring.

Bassett & Washburn have just completed the planting of their new range. It contains 52,000 rose plants, the varieties being Richmond, Beauty, Maid, Bride and Liberty. Mr. Washburn says that the seventeen-year locust is appearing in myriads at Hinsdale.

The Fleischman Floral Co. has an oil painting of the steamship La Savoie in its show window, draped with asparagus and bearing a modest sign, "Flowers delivered to all outgoing steamers." An electric light is arranged to show the picture and sign at night. This is a means of gaining trade which any florist could adopt. Those who have no regular correspondent in New York should refer to the page of Leading Retail Florists in the REVIEW.

E. C. Amling is handling a large quantity of sweet peas of exceptionally good quality.

There was hail at Joliet on Decoration day, but the carnation growers escaped with little loss. The retail establishment of the Chicago Carnation Co. lost

considerable glass and Labo also suffered severely.

There is a new daughter at the home of J. P. Foley. This is number seven. P. J. Foley has six children and there is another brother out west who has done as much for his country.

D. W. Brant has been shipping all his stock from the greenhouses at Forest Glen ever since the express drivers' strike began, as indeed he does most of it at all seasons. He has now closed his stand at 60 Wabash avenue for the summer.

Bryant & Sons, at Princeton, Ill., sent Kennicott Bros. Co. a heavy cut of very fine peonies last week. They always have had good sorts and grown them well, but it is only in the last year or two that they have learned to put them up in first-class shape. The first of their cut came in at just the right time to catch the good prices which prevailed up to Saturday.

The Geo. Wittbold Co. believes in having things up-to-date. They now have a private telephone exchange with two trunk lines and connections to all departments of their Buckingham place establishment. Another recent acquisition is an adding machine for the benefit of the bookkeepers. It cost $375. As soon as the season's rush is over they will erect a new office building just west of the Buckingham place store, larger facilities being necessary in this department.

J. A. Budlong left June 1 for another of his periodical bicycle trips to visit relatives in Rhode Island and trade centers of interest in the east. He is likely to be gone most of the summer.

F. A. Baller, of Bloomington, has been sending Vaughan & Sperry some very nice peonies in the past ten days. He remembered the REVIEW office with a bunch of fine blooms.

Waldheim Cemetery will invest $25,000 in a new administration building, a feature of which will be a large conservatory.

John Muno expresses complete satisfaction with the outcome of the season, having substituted carnations for roses in a large part of his range last fall.

Frank Cummings, of Meridian, Miss., was among the week's visitors.

Peter Reinberg reports shipping trade good. They are strong on Liberty and Chatenay and also on red carnations.

It is reported that Lubliner & Trinz have been offered $10,000 for the lease they hold on the store at 44 Randolph street, covering six years. It is stated that they have declined the offer.

Coreopsis in quantity is arriving at the E. F. Winterson Co.'s.

Mrs. E. F. Winterson has been ill for some time and underwent a surgical operation last week. She is now convalescing rapidly.

The A. L. Randall Co. reports selling 500,000 ferns very quickly last week, stock which had been in cold storage since December.

Mons Olson, who has been with J. A. Budlong for several years, is now with Zech & Mann.

L. Coatsworth and wife returned on Saturday from a week spent at Mr. Coatsworth's home in Canada, where they were called by a death in the family.

Wietor Bros. already have a large part of their rose houses planted. They have practically ten acres in carnation plants this season.

J. A. Budlong has put in one of the largest ice-boxes in town at the greenhouses for cooling the stock. The box is 10x20 feet and eight feet high.

E. H. Hunt reports the sale of To-bak-ine Liquid to the amount of $120 to Bassett & Washburn, who use it for spraying on carnations for thrips, as recently recommended in the REVIEW.

Wm. Dittmann, of New Castle, Ind., has been in town for several days.

This is club-meeting night.

OUR SHIPS HAVE COME IN
Bringing a splendid lot of
NEW AND STANDARD STYLES IN Baskets
Just what you need for Weddings and Commencements.
YOUR SHIP WILL COME IN
If you have a nice assortment of our New Baskets on hand, as well as our Fancy Pot Covers, Two-Tone Crepe Paper, Porto Rican Mats and Plant Stands.
Order Today. Don't Delay.
H. Bayersdorfer & Co.
The Florists' Supply House of America
50-52-54-56 North 4th St., PHILADELPHIA
Mention The Review when you write.

A DAILY SHIPMENT FROM 40 TO 60 GROWERS
CHICAGO MARKET QUOTATIONS
FOR JUNE WEDDINGS
A GOOD SUPPLY OF
Carnations, Roses, Valley, Orchids, Peonies, Greens, Etc.
We can and will supply your cut flower wants to advantage. Write, telegraph or telephone.
E. F. WINTERSON CO. 45-47-49 Wabash Ave. CHICAGO
At the Sign of Winterson's Trade Mark
We carry the most Complete Line of Florists' Supplies in the West.
Illustrated Catalogue Free.
Mention The Review when you write.

PHILADELPHIA.

The Market.

The advent of June has brought a decided increase in business in cut flowers and decorative plants. The close of the horse show last week was marked by considerable entertaining due to many visitors in the city. The weddings this week, the flower festival at Atlantic City on Wednesday and the commencements, notably that at Bryn Mawr on Thursday, together with considerable shipping to more distant points, have combined to make the present a very lively week. The demand is chiefly for choice roses, which are quite scarce, white peonies, lily of the valley and sweet peas. Carnations and pink peonies are abundant but not in demand. There are a few nice orchids, some gardenias and Easter lilies, all quite popular. The volume of business is very large, prices excellent on select stock, though low on ordinary grades.

The Milbrook-Lee Greenhouses.

J. Lehman Maull and J. Lardner Howell, trading as Maull & Howell, have some 50,000 feet of glass on the hillside near Whitford station, where the Trenton cut-off joins the main line of the Pennsylvania R. R. Through the courtesy of Mr. Maull, John Curwen and Phil were shown through this range of glass one afternoon recently. The older range, built some twelve years ago, consists of two series of houses rising one above the other in the rear of Mr. Maull's home. The new range, the highest of all, is on comparatively level made ground on the hill crest. This new range consists of two houses each 30x200 feet, built two years ago by J. L. Dillon, heated by steam with Lord & Burnham boilers. These houses each contain four beds five feet wide, and, except for one bed of asparagus, are entirely filled with carnations that now look, under the shaded glass, quite as well as most plants in mid-winter. Enchantress and Queen Louise are especially fine. The lower ranges, containing many carnations in benches and beds, some sweet peas, swainsona, sweet alyssum, a house of Jacob Becker's Ideal, or improved La France, and a large house of very fine Asparagus plumosus. In the field some 35,000 car-

M. J. VAN AKEN B. L. VAN AKEN

OFFICE OF VAN AKEN BROTHERS

FLORISTS

We keep everything to be found in an up-to-date Flower Store
Phone 36, three rings

B. L. VAN AKEN, Manager
Phone 112

Coldwater, Mich., June 3, 1905.

Peter Reinberg, Wholesale Cut Flowers,
51 Wabash Ave., Chicago, Ill.

Dear Sir: We wish to thank you for the Good Carnations you sent us for Decoration Day. If all the wholesale houses would send out as good stock there would be no kick from the retailers. Can you tell us what the scarlet was you sent us? If you have any stock of it to sell, we want some.

Respectfully,
VAN AKEN BROTHERS.

Peter Reinberg's Specialties for This Month: Liberty, Chatenay, Red Carnations
Plenty of stock for everyone. See price list on page 154.

Mention The Review when you write.

nations were starting nicely. John Stanley is the grower in charge. He may well feel proud of the really excellent condition of the entire stock. The major part of the cut is handled to advantage by Wm. J. Moore. Water is supplied by a ram, worked by a gasoline engine, from a stream below and stored in a huge tank.

Various Notes.

M. Rice & Co. have sent out a highly original removal notice, which will attract attention wherever received.

The Leo Niessen Co. is handling exceptionally nice Kaiserins and valley. The shipping orders are very heavy this week.

Paul Berkowitz, of Bayersdorfer & Co., has a happy faculty of interesting his customers that wins him many friends.

Mrs. John B. Haines, of Cheltenham, has ordered roofing material for two houses 20x40 feet each from the Lord & Burnham Co. The walls now standing will be utilized.

President J. C. Vaughan has appointed B. Eschner, of M. Rice & Co., as a traveling delegate for the S. A. F.

J. J. Habermehl's Sons supplied 15,000 roses for Strawbridge & Clothier's June rose display. The flowers were given away to the firm's customers.

Hugh Graham was a judge at the Atlantic City flower festival on Wednesday.

Godfrey Aschmann is experiencing an increased demand for Araucaria excelsa. He has disposed of nearly his entire stock of 15,000 geraniums.

The Henry A. Dreer Co. has disposed of its large stock of Killarney rose in 5-inch and 6-inch pots. The demand for this Irish beauty for outdoor planting has been remarkable, especially when it is considered it is by no means a novelty.

Charles A. Knapp, of Mount Airy, has grown some excellent calceolarias.

J. Nichols, of Olney, is a good carnation grower, who keeps his place in nice condition.

Wm. Berger had ten wedding orders for one day this week and was obliged to decline several others.

J. J. Habermehl's Sons decorated a number of the rolling chairs in the Atlantic City parade on Wednesday.

William Joyce, a famous florist of this city, was run over and killed by an automobile at Broad and South streets last Saturday. The funeral took place on Thursday morning at St. Theresa's church, Broad and Christian streets. Mr. Joyce's sad death is a great shock to his friends. He was gardener for R. C. H. Brock, 1612 Walnut street, and was 78 years of age. His plants in the noted Baldwin collection have won many prizes in the earlier days of the Pennsylvania Horticultural Society.

Bowling.

Several ties have developed in the team tournament which must be played off before the contest is decided. Below is the balance of the original schedule, the first two teams playing May 6, the next pair May 17, and in order May 19, 23, 24, 26, 29, 31 and June 2:

Player.	1st	2d	3d	T'l
Robertson	139	178	171	488
Gibson	150	150	150	450
Gobel	155	155	155	465
Mehorter	167	136	147	450
Donaghue	130	108	154	392
Connor	156	146	224	526
Politis	171	166	171	508
Dungan	150	150	150	450
Dodds	172	202	182	556
Harvey	146	112	165	422
Elmerman	170	148	170	488
Craig	165	194	160	519
Baker	110	148	122	380
Kift	101	172	184	457
Hanna	150	150	150	450
Yates	148	155	182	485
Holmes	141	181	116	438
Merlitz	177	173	130	434
Hubbenlock	164	149	121	434
McConley	177	168	187	532
Westcott	163	169	170	502
Harris	150	130	173	453
Gardner	127	159	225	511
Hoffman	150	150	150	450
Dunham	178	166	137	491
Moore	141	203	131	475
Bonsall	156	133	180	469
Falck	148	154	127	429
Gray	96	179	172	447
Habermehl	163	165	124	452
Yates	168	192	154	514
Holmes	150	143	141	434
Merlitz	117	158	110	385
Hubbenlock	168	166	111	445
McConley	166	212	160	538
Gibson	196	174	182	552
Mehorter	142	181	168	491
Donaghue	147	179	135	461
Adelburger	155	176	202	533
Robertson	188	154	158	500
Baker	143	148	115	406
Elmerman	160	160	160	480
Craig	144	175	176	495
Hanna	157	162	172	491
Kift	156	156	164	476
Moore	163	180	169	512
Bonsall	158	176	123	457
Gray	159	159	151	469
Habermehl	179	190	161	530
Falck	150	150	150	450
Westcott	184	156	136	476
Harris	156	212	148	516
Gardner	145	225	151	521
Hoffman	150	150	150	450
Dunham	162	133	189	484

CARNATIONS

We offer first-class stock of the finest varieties.

Strong Rooted Cuttings

Variegated Lawson This variety which we are introducing this season we are aure will prove to be the very best variegated sort. Pure ivory white with delicate carmine pencilings. Mr. W. N. Craig, an authority on everything pertaining to horticulture, says that he knows that this variety will out-bloom the favorite, Mrs. M. A. Patten, three to one. It has the Lawson habit and stem, and is bound to give satisfaction. $12 per 100; $100 per 1000.

Red Lawson A bright red sport of Lawson that is bound to be popular, and will be grown where Lawson is popular. $10.00 per 100; $75 per 1000.

Cardinal Bright cardinal, or crimson-scarlet. Won first prize for best 100 scarlet, first prize for best 50 carnations any color, first prize for best 50 scarlet seedlings, Chicago. $12.00 per 100: $100 per 1000.

Fiancee The queen of pink carnations; in a class by itself. Magnificent flowers, strictly fancy in every respect. $12.00 per 100; $100.00 per 1000.

White Lawson We consider this variety, which we introduced last season, the most profitable white carnation ever sent out. We think it will outbloom any other white two to one. It has given great satisfaction. When the flowers are left on the plants until fully developed they are much larger than Mrs. Thos. W. Lawson. We believe this will occupy among white carnations the same place that Mrs. Thos. W. Lawson does among pink carnations. Remember that we are headquarters for it. Splendid stock ready for immediate delivery. $7.00 per 100; $60.00 per 1000.

Fred Burki Recommended as an extra free-blooming white variety and a claimant for popular favor. $12.00 per 100; $100.00 per 1000.

Lady Bountiful A magnificent white of last season's introduction. $6.00 per 100; $50.00 per 1000.

Daheim Dark crimson. Grand stiff stem. Calyx never bursts. Free and abundant bloomer, developing very quickly. We consider this the best all-round crimson carnation. $6.00 per 100; $50.00 per 1000.

Mrs. M. A. Patten This grand variegated carnation has given splendid satisfaction. $6.00 per 100; $50.00 per 1000.

Enchantress Freest blooming, bringing highest market prices. In great demand. $4.00 per 100; $30.00 per 1000.

Mrs. Thos. W. Lawson $3.00 per 100; $20.00 per 1000.

Prosperity A magnificent fancy carnation. $3.00 per 100; $20.00 per 1000.

We are now prepared to book orders for 1906 for **the Coming Scarlet Carnation Victory** This is a real bread and butter variety. An early, free and abundant bloomer, with good stem; a magnificent keeper and shipper; flowers of the largest size, commanding the very highest price. This is going to be a money-maker. Orders will be filled in rotation, as received. Delivery beginning December next. $12.00 per 100; $100.00 per 1000.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

Politis	174	200	147	511
Dodds	145	223	166	534
Harvey	144	127	198	469
Dungan	143	134	163	440
Connor	159	187	184	530
Gibson	186	161	162	529
Mehorter	145	145	145	435
Donaghue	156	152	169	477
Adelburger	156	142	137	435
Robertson	182	176	157	515
Eimerman	175	158	159	492
Kift	156	128	192	476
Craig	153	171	166	490
Baker	140	140	140	420
Hanna	150	150	150	450
Yates	160	160	160	480
Hubbenlock	128	156	135	419
McConley	155	155	155	465
Merlitz	158	175	135	468
Holmes	200	153	150	503
Politis	136	190	144	470
Dungan	150	150	150	450
Harvey	166	153	199	518
Dodds	146	109	150	405
Connor	171	154	155	480
Moore	200	160	151	511
Bonsall	115	140	142	397
Falck	167	167	158	492
Habermehl	155	155	155	465
Gray	143	127	149	419
Connor	160	160	160	480
Politis	155	155	155	465
Dodds	177	169	124	470
Dungan	141	142	171	454
Harvey	145	145	145	435

PHIL.

NEW YORK.

The Market.

The market has cleaned up well during the past week, the shipments being lighter and the retail demand increasing as the numberless June weddings materialized. This improved condition of things should last until the end of the month at any rate. The society columns of the papers are filled with announcements of an unlimited number of these delightful happenings, both in Brooklyn and New York. All the large retail establishments report an unusual booking this season.

There are enormous shipments of peonies and a large part of their value has been lost in consequence of the oversupply.

The quality of the rose stock now arriving is not up to the mark. There seems to be no end to the supply of lilies, and carnations are wonderfully abundant. The retail windows are, some of them, made very attractive daily by the orchid display. The wholesale market finds it possible to close at 5 p. m., and summer hours will soon prevail with all the cut flower merchants from Twenty-sixth to Thirtieth streets.

The street displays are naturally extensive now and the closing out process is in evidence in the low prices asked by these sidewalk merchants.

Various Notes.

Alfred Goltz, with J. K. Allen, lost his father suddenly last week by a paralytic stroke.

Alfred Dimmock, of Sander & Sons, St. Albans, England, sails for home on the Lucania June 17, and J. M. Keller and family leave on June 15 on the Kaiser Frederick der Grosse for a holiday in Europe.

Harry Bunyard returned to the city on Saturday from a prolonged and successful trip via the steamer Monmouth.

The sympathy of the trade is extended to Daniel Wittpen, of the firm of McHutchison & Co., on account of the death of his father.

The New York Club's outing program is complete and will be distributed on ladies' night, June 12. About $200 in advertisements and a similar amount in prizes attest the general interest which has been taken. The attendance promises to be the largest of the club's summer festivals, and Treasurer Schenck has already disposed of a large number of tickets. The Glenwood Co., owner of the resort where the club will spend the day, has donated twelve bottles of its best wine for prizes in the baseball contest. President Traendly, as usual, has offered $25 in prizes for the lady bowlers, and B. Suzuki and the vice-president will make up the balance of the fifteen prizes for which the lady bowlers will compete. The rest of the donors are, up to date, John Birnie, J. K. Allen, L. B. Craw, W. J. Elliott, J. D. Esler, Joseph Fenrich, Ford Bros., E. W. Holt, L. W. Wheeler, Joseph Millang, F. R. Pierson Co., Philip Kessler, L. J. Kreshover, A. L. Miller, Lager & Hurrell, Theo. Lang, A. H. Langjahr, Patrick O'Mara, Alex. McConnell, J. B. Nugent, Jr., Julius Roehrs, Jr., Chas. Schenck, Moore, Hentz & Nash, Walter Sheridan, John Young, Chas. Weathered, W. H. Seibrecht, H. A. Bunyard, John Scott, W. C. Mansfield, A. T. Boddington, John Raynor, Schloss Bros., E. C. Horan, W. H. Donohoe, W. B. Du Rie, A. T. De La Mare and Louis Schmutz.

Patrick O'Mara is now president of the United Irish American Societies of Hudson county, N. J., a well deserved honor and the "right man in the right place."

The annual excursion of the employes of Geo. M. Stumpp will take place at Silver Lake park, Staten Island, on July 12.

P. A. Keene, for many years one of the proprietors of the Bloodgood Nurseries, Flushing, L. I., called upon us last week and announced his new business relations with the Morris Nurseries, of West Chester, Pa. Mr. Keene has opened an office in New York, at 1 Madison avenue, and is arranging for a force of salesmen to represent the new firm in the East.

An addition to the artistic retail florists' establishments of the city has been opened at 2 West Twenty-ninth street, near Fifth avenue, and William H. Donohoe, for a long time in charge of Thomas Young, Jr.'s, retail store on Twenty-eighth street, is the proprietor.

Next week, Wednesday and Thursday, an exhibition of roses and perennials will take place at the botanical gardens, Bronx park, in the Museum building.

Auction sales last week were numerous and very successful. John P. Cleary had charge of the Keller and Ditzenberger sales, both of which were well attended.

All those intending to exhibit at the next club meeting are requested to send their shipments early on Monday next to Secretary John Young, 51 West Twenty-eighth street.

Charles Thorley and Thomas Young will take a European trip this summer.

Alex. J. Guttman has leased for a term of years the fine store at 43 West Twenty-eighth street and will take possession October 1. This is one of the



SPRAYING

If all growers could realize that by this method and the use of

To-Bak-Ine Liquid

they can **absolutely destroy** and prevent **Thrips,** don't you think they would always have **some on hand?**

To-Bak-Ine Liquid, a 45 Per Cent Solution of Pure Nicotine

WILL POSITIVELY DO THE WORK.

Mr. Washburn, of Bassett & Washburn, says: "In three applications of spraying we destroyed all the Thrips in a 300-foot Bride house."

Mr. Baur says: "Send for a can of To-Bak-Ine Liquid and apply it according to directions every evening for a week and then three times weekly until your plants are clean."—Carnation Notes in the Florists' Review, May 25, 1905.

"I feel I cannot recommend this nicotine extract (To-Bak-Ine Liquid) too strongly. It fills a want that was felt for years, for something that would keep down **Thrips** effectively and in fact all insect pests."—Carnation Notes in the Florists' Review, May 18, 1905.

Send for full directions of this method of spraying, cost and much valuable information for progressive growers.

E. H. HUNT, 76-78 Wabash Ave., Chicago

largest and most convenient stores in the wholesale district.

Miss Mollie Le Moult, daughter of Adolph Le Moult, the veteran florist of the Bowery, and Joseph Fenrich, the wholesale florist, will be married at the home of the bride in Tremont, on Thursday, June 8, at noon, under a natural bower of roses in the spacious gardens of her father. The home decorations will be oak leaves and daisies. Quite a romance characterizes the union of these young people. They will make their honeymoon trip to Niagara and down the St. Lawrence to Montreal, when the rush of the peony season is over. The wedding day and the bride's birthday arrive at the same time. Congratulations are many.

Bowling.

The new alleys are the best in New York. The location is convenient and popular, but the interest in the club's showing at Washington grows slowly. Until further notice the club's members or those of them who wish to represent it at the S. A. F. convention, will meet at Thum's alleys, Broadway and Thirty-first street, every Friday evening at 8 o'clock. Last Friday's scores were excellent:

Player.	1st	2d	3d	4th
Lang	150	155	185	...
Traendly	105	142	108	160
Ford	119	149	135	138
Shaw	127	157	136	119
Kessler	120	133	121	140
Guttman	151	178	164	175

J. AUSTIN SHAW.

KOKOMO, IND.—W. W. Coles and wife will take a European trip this summer.

KANSAS CITY.

The Market.

A very satisfactory amount of business has been done the past week in all the stores. Several large funerals and some wedding decorations have taken up the surplus stock and there is still a good, healthy demand for blooms in spite of the fact that outdoor flowers are coming in. Prices have fallen considerably the past week and there is very little good stock on the market. Many orders for wedding decorations are being booked, being distributed pretty well, and call for some good material.

Various Notes.

It is with feelings of profound sorrow that we must record the sudden death of one of our oldest florists, Edward Bunyar, of Rosedale. Mr. Bunyar was born in England, fifty-eight years ago and came here a young man, working at different places until eighteen years ago, when he purchased the property where he died. Mr. Bunyar left a widow and four sons, two of whom are in business, Edward, Jr., in Independence, Mo., and Robert, in Independence, Kan.

A large number of the growers are getting interested in the flower show and some are taking unusual pains to weed out poor stuff.

J. Smith, of Westport, reports very good business in plant trade this spring and contemplates building two more houses, which he intends to use for growing carnations.

Outdoor sweet peas are coming in and prices are taking a drop. The demand for old-fashioned flowers is becoming greater and it is only a question of time when the florists must look for other material than what is grown at the present time.

R. S. Brown & Son report a phenomenal business the past spring and contemplate remodeling their place this summer.

The Kansas City Floral Co. is finishing up a lease upon one of the most prominent corners here, Tenth and Grand avenue, where it intends to open the finest florists' establishment west of Chicago by September 1. This firm has met with much success since entering the business, under the supervision of C. A. Schaeffer.

Jacob Tobler reports everything of a salable nature sold this spring and intends to build this summer to meet the requirements of his increasing business.

A. Blankenfeld, out on Main street, has done some fine business this spring, as his place has a vacant look and it will take some time to make it look as full as it did early in the season.

Ed. Humfeld is cleaning up, having sold out almost entirely and was forced to buy a great deal in order to meet the demands of his customers.

NARCISSUS.

AMHERST, MASS.—The Massachusetts Agricultural College is to have a new building for horticulture. Plans have already been drawn.

THE REVIEW will send Montgomery's "Culture of Grafted Roses" on receipt of 25c.

I GET much pleasure and profit out of the REVIEW every week.—FRED HATCH, Scranton, Pa.

CARNATIONS $1.50 to $3.00. We claim the finest line of Carnations in Chicago.

ROSES $1.50 to $6.00. Good color and clean foliage.

American Beauties. We have plenty, both long and short.

Liberties. $3.00 to $8.00. Fine stock.

PEONIES From now on we expect to have plenty. $2.00 to $6.00 per 100.

VALLEY We can supply fine Valley at $4 per 100.

Fancy Ferns Plenty of good cold storage stock at $3.00 per 1000.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

DES MOINES, IA.

Death of David Smeaton.

Word reached this city, May 31, of the tragic death of David Smeaton, of 513 Thirty-eighth street, near Stavely, Alberta, Canada, where he had gone with his wife to spend the summer.

With Mrs. Smeaton he was driving near their farm, on May 20, when a severe thunder storm came up. Lightning struck in the road not a great distance from them and the horse lunged, throwing both the occupants of the buggy into the road. Mrs. Smeaton was not injured seriously, but Mr. Smeaton was fatally hurt. He died from the injuries the day following.

Mr. Smeaton was about 73 years of age and for many years has been a resident of Des Moines, owning the greenhouses on Ingersoll avenue and raising cut flowers for the retailers. He had accumulated some property, owning his home on Thirty-eighth street, just off of Grand avenue, and considerable farm lands.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Only greenhouse in town of 4000; junction of two trunk lines of railroad; 5000 feet of glass; New Ideal steam boiler; well stocked; business has outgrown physical ability of proprietress to properly attend to it; business could be largely extended by practical man. Address Mrs. M. S. Martin, Shelbyville, Ill.

WANTED—Good all around florist; single. Blondeel, Oak Park, Ill.

SITUATION WANTED—Young man, 23, wants situation at outside work or as helper in greenhouses; 4 years' experience; state wages. Wm. J. Doering, 3128 N. St., Washington, D. C.

SITUATION WANTED—With a wholesale grower in or near Chicago, as a helper in a carnation section; can furnish good references. Address No. **41**, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, one about 18x90; two about 11x90 each; with flues; on town lots 100x110; shipping facilities very good; no greenhouse within 10 miles; has a good trade; stock in good order; houses in need of repairs and for this reason will be sold for $1350 if sold quick. Inquire of E. Calerdine, Administrator of E. Messmore Estate, Minerva, Ohio.

SITUATION WANTED—By a young man in store or greenhouse; 5 years' experience on retail place; first-class references; state wages with or without board. T. H. Phelan, Lock No. 4, Wash Co., Pa.

WANTED—At once, a good sober florist, who understands growing carnations, roses and mums; a good job for the right man. Address Box 442, Rockville, Ind.

SITUATION WANTED—A rose and carnation grower wants a position as foreman or grower, where extra good stock is wanted; well-up in all kinds of cut flowers, bulbs and other things; the best of references as to experience and ability. Address No. **43**, care Florists' Review, Chicago.

WANTED—A general greenhouse man, one who can grow a general line of plants, especially carnations and roses; state experience and wages expected; married or single; can furnish house to married man; German or Swede preferred; none but sober and industrious need apply. H. Glenn Fleming, 818 Locust Ave., Fairmont, W. Va.

WANTED—A married man who has had some greenhouse experience; one who is not afraid to work; wages $35.00 per month and house furnished; steady employment. Address Brewster & Williams, Grand Island, Neb.

FOR SALE—Three greenhouses, 16x80, with 4 years' paid lease on one acre land, for $500.00; in a town of about 5,000; no competition; a chance of a lifetime. Jas. R. Johnston, Dunkirk, Ind.

WANTED—A good section man for carnations and roses. Apply to Emil Buettner, Park Ridge, Ill.

WANTED—A first-class rose and carnation grower. Apply, stating wages and references, A. J. Smith, Central Michigan Nursery Co., Kalamazoo, Mich.

SITUATION WANTED—By a German florist and gardener; 28 years' experience in all branches; private place preferred; first-class references; state full particulars in first letter. Address No. **39**, care Florists' Review, Chicago.

FOR SALE—5500 feet of glass, half-way between Columbus and Cincinnati, Ohio; good local and shipping trade in growing town. Address No. **40**, care Florists' Review, Chicago.

FOR SALE—4-inch cast-iron greenhouse pipes, in good condition, 6 cents per ft. Inquire of Emil Buettner, Park Ridge, Ill.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

FOR SALE—No. 6 Rider engine with deep well pump, kerosene oil burner; used about 1½ years; in good condition; cost $300; will sell for cash on board car here for $75; reason for selling, city water connection. M. Mandl, 165-167 South Franklin street, St. Paul, Minn.

FOR SALE—(For a song almost), greenhouse, 7,000 feet glass; centrally located in Toledo; doing a good retail business; $1,000 buys it if taken by June 1st, without stock; owner has other business and cannot attend to both; purchase price can easily be made in one year. Address No. **15**, care Florists' Review, Chicago.

WANTED—A first-class grower of cyclamen, poinsettias, etc. Address J. B. Braidwood, Colorado Springs, Colo.

FOR SALE—Two greenhouses 20x60; one acre of ground; good location; good trade. W. N. Tharp, Liberty, Ind.

WANTED—A competent florist capable of taking charge of retail place of 7000 feet of glass; wages $50.00. F. B. Tinker, Peru, Ind.

WANTED—Florist to grow mostly carnations, chrysanthemums and some miscellaneous stock; must be strictly sober and reliable; one handy at floral work preferred. Send application and references to W. W. Stertzing, 7280 Old Manchester Road, St. Louis, Mo.

FOR SALE—5,000 sq. ft. of glass, 5 greenhouses in a natural gas city of 15,000; large grounds, 7-room house, barn, etc.; this is a bargain. Address A. L. Harmon, Iola, Kan.

SITUATION WANTED—As foreman; Beauties, Teas and carnations a specialty; good propagator, hybridizer and plantsman; can handle help to best of advantage; references: Jos. Heacock, Wyncote, Montgomery Co., Pa.; Albert Woltemate, 5230-32 Germantown Ave., Philadelphia. Apply Matthew G. Kinnaird, 227 Woodbine Avenue, Narberth, Pa.

FOR SALE Four Violet Houses, capacity 25,000; Violet Cuttings already set out; at present stocked with tomato plants; living house, four rooms; 2 acres land; near depot. For particulars address
W. B. GOODENOW, STOUGHTON, MASS.

WANTED.

Good grower of plants and bulbs, as foreman; one who can handle help and likes the business, and is willing to look after it; must be single; state wages wanted first year—to show what you can do; everything needed to make business a success furnished. Address
No. 42. care Florists' Review, Chicago.

FOR SALE.

Having sold my ground to the Frisco R. R. I offer for sale 6 greenhouses containing 12,000 feet of glass, one gasoline engine with pump, in good working order, 60 horse-power boiler, piping, a lot of tools, 6000 carnation plants in field, 2500 smilax plants. Will sell in lump cheap. Make me a cash offer, as I must vacate by August 1. Address
MAX HERZOG,
6957 Scanlan Ave., ST. LOUIS, MO.

For Sale Cheap

To be torn down; 2 greenhouses, 20 x 125. Also 2 500 ft. 2-inch pipe, 6½c per foot. 1,500 ft. 1¼-inch 4c per ft. 1.000 ft. 1-inch. 3c per ft. 50 boxes 16 x 24 glass, double thick, $2.50 per box. One 8 section, hot water boiler. Also one Welch hot air pump, in fine working order, complete for $60.00. Address
G. & F. Blanchard, 45 La Salle St., Chicago

CHOICE LOCATIONS

FOR HOTHOUSES FOR SALE.
Cash or On Easy Payments.

North Clark St., 85 x 330

Near Bryn Mawr Av. Decided bargain. $60 per foot. These are deepest lots on Clark St. Will divide. High-class neighborhood; fine opportunity for competent hustler.

DO YOU WANT A BARGAIN?

"NORTHWEST ACRE LOTS," 225x125,

Near intersection Irving Park Boulevard and Milwaukee Ave., within four blocks of two street car lines, fine sandy ridge.

Prices $1000 and upwards

Part on long time payment at 5 per cent. Send for plat with prices and full description.

KOESTER & ZANDER
69 Dearborn St., Cor. Randolph, CHICAGO

Mention The Review when you write.



CALDWELL THE WOODSMAN,
The man who gave you the Wild smilax.

SOMETHING NEW

Now that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the Florists of the Pacific Coast, Washington and Oregon in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June. I am anxious to get the verdict of the Floral trade on this introduction and offer to send you a Case on Suspicion, price $2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



THE VERDICT OF THE TRADE

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.
FRED C. WEBER, St. Louis, Mo.

We are in receipt of your shipment of one case Huckleberry Branches and are pleased with it. Send by express 5 cases at once.
WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

Two cases of your decorating green reached us in good condition and we used them very effectively in a church decoration which gave entire satisfaction to our customer. THE GASSER CO., Cleveland, O.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.
LEO NIESSEN CO., Philadelphia, Pa.

CALDWELL THE WOODSMAN, Evergreen, Alabama. Cash with order, please.

New Crop Hardy Ferns Now Ready FANCIES, $1.50 per 1000. DAGGERS, 1.25 per 1000.

READY NOW

CHRYSANTHEMUMS Majestic, White. Madonna, Pink. Adelia, White.
No better varieties grown.

SNAPDRAGONS White, Pink, Yellow, $6.00 per 100; $50.00 per 1000.

ROSES LA DETROIT, 2½-in $8.00 per 100; $75.00 per 1000. 3½-in., $12.00 per 100; $100.00 per 1000. GEN. MacARTHUR, 2½-in., $8.00 per 100; $75.00 per 1000. From benches, $10.00 per 100. PAPA GONTIER, 2½-in, $4.00 per 100. MME. HOSTE, 2½-in., $4.00 per 100. MILDRED GRANT, 2½-in., $10.00 per 100.

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

Mention The Review when you write.

BALTIMORE, MD.

If we had suffered a soaking rain on Memorial day, business could not have been much worse. Large shipments of flowers came in on Monday morning, especially of carnations and peonies, but the demand was unusually light for that day, falling far behind recent years. Thousands of peonies and carnations went to the bad, and, as the manager of the Exchange said, we had not enough vases to put up the stuff in water. The same can be said of the city markets, where there is a large retail business in cut flowers and plants. Usually the larger part of the people want something in cheaper flowers for grave decorations and naturally go to the market for them. The report in general is that everything sold very slowly, even at low prices, and a great many flowers were taken back home. A. F.

CLAY CENTER, KAN.

On May 24, this vicinity was visited by one of the most severe hail storms of which there is record in this state. The hail was of prodigious size and did a great deal of damage, both S. D. Brant and C. Humfeld losing much glass. The latter had just 17,210 feet of glass area, of which only about 900 feet is left, and his stock was badly cut up. He is reglazing as rapidly as possible and has material and glass on the ground for a new range of 12,000 feet, which will give him badly needed facilities for another season.

SEDALIA, MO.—Chas. Pfeiffer reports that the local demand for all lines of stock is increasing very satisfactorily and gives promise for many better seasons than the one just closing, which was the best to date.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held at Alexandria Bay, N. Y., from June 20 to 22, 1905.

VISITED CHICAGO:—R. H. Shumway, Rockford, Ill.

TRUE to early indications, prices on French Romans are weaker.

THE Leonard Seed Co., Chicago, is working a force of 200 women this week, weeding onion set fields.

THE California growers see no improvement of the onion seed crop situation. Latest reports are to the effect that former ones were too conservative. Conditions seemingly are getting worse.

THE prospect is for a slightly increased crop of Bermuda Harrisii bulbs for 1905, with quality better than for some years, due to an awakening on the part of the growers to the exigencies of the situation.

LOUISVILLE, KY.—The onion set situation here is about as it was at this time last year. No increase in the acreage planted over last season and the prospect favorable for about as large a harvest as usual.

THE recent heavy rains in Wisconsin and Michigan are likely to have caused damage to the pea and bean crops. No definite information has as yet been received from the growing stations as to the amount of the damage. It is thought that the peas are far enough along to stand a severe flooding, but as regards beans considerable anxiety is felt.

SEED TRADE CONVENTION.

Charles N. Page, president of the American Seed Trade Association, which meets at Alexandria Bay June 20 to 22, sends out the following letter under date of Des Moines, June 3:

"Word has just reached me that special round trip tourists' rates have been made to Alexandria Bay, New York, from various parts of the country. Full particulars can be obtained by inquiring of the local ticket agents at all important points, and is contained in the summer tourists' sheets.

"Alexandria Bay is not on any railway, but is reached by steamer from Clayton, New York, or, if preferred, by a longer lake trip from Charlotte, New York, Toronto or Kingston, Ontario, via the Richelieu & Ontario Navigation Co.'s elegant steamers.

"Special excursion rates have also been made to conventions held at about the same time at Toronto and Watertown, New York, to which points rates may be found more favorable from some places.

"Please be sure and make your arrangements to be present and I assure you of a good time. Many consider the Thousand Islands the finest piece of scenery in all America, and some who have traveled all over Europe say that there is nothing there that compares with it.

"Matters of great importance to every seed dealer in America will be presented at the convention and I am sure that you will afterwards look back to the three days spent there as among the most pleasant and profitable in your experience."

FIRST early Harrisii will arrive at New York within a month. These are not in so great request as in some previous years, growers preferring to wait for better ripened bulbs.

R. H. SHUMWAY, Rockford, Ill., reports a good business done during the season. He thinks his plan of conducting a mail order seed business profitable enough to have his catalogue and methods patented.

Very little in the way of information has been given out by the vine seed and sweet corn growers so far. The weather has not been favorable in many sections for early planting and where early planting has been done a poor stand is reported.

CHICAGO. — Information is being sought by some of the western seedsmen as to how large a delegation is expected to pass through this city for the seedsmen's convention two weeks hence. Two weeks seems to be a long time for a seedsman to figure ahead, but it is hoped that by next week some definite information may be given.

UNDER date of June 2, Huntington & Page write: "Regarding future onion set crop we beg to advise that the onion sets around Indianapolis, of which we practically control all of them, including our own planting, are looking fine. Our fields are very clean and we have had a remarkable season and look for profitable returns. The acreage is considerably less than last year."

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring. **Write for Prices.**

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

LAWN GRASS SEED in Bulk and Packages

Dickinsons, Evergreen, and Pine Tree Brands

SPECIAL MIXTURES SEED FOR **GOLF GROUNDS**

MINNEAPOLIS **THE ALBERT DICKINSON CO.** CHICAGO

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE

For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

Mention The Review when you write

Burpee's Seeds Grow

Mention The Review when you write.

VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. **NEW YORK**

Mention The Review when you write.

SEED BAGS for the Trade

A full line in Manila, Fibre and Laid papers, White, Amber and Colored. Printing in large or small quantities, one or more colors, with cultural directions and with or without cuts. Samples and estimates on application.

The Brown Bag Filling Machine Co.

Seed Bag Dept. FITCHBURG, MASS.

MUSHROOM SPAWN, PURE CULTURE



Being the Eastern Distributing Agents for the American Manufacturers of Pure Culture Spawn, we can ship Fresh Spawn on short notice at the following prices: 15c per lb; $1.25 per 10 lbs.; $10.00 per 100 lbs. We have also the best make of English Virgin Mushroom Spawn, fresh importation. 8c per lb.; 75c per 10 lbs.; $6.00 per 100 lbs.; $55.00 per 1000 lbs.

CLUCAS & BODDINGTON CO.

Telephone, 1063 Chelsea. 131 W. 23rd St., NEW YORK CITY.

Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

RELIABLE SEEDS!

	1000 seeds.	Trade Pkt.
Caladium, fancy-leaved only in the newest creations, from one of the most prominent hybridizers	$7.00	$1.00
Cyclamen persicum giganteum. Pure white, rose, carmine, white carmine eye, blood red, each color separate	6.00	1.00
The same in splendid mixture	5.00	.75
Begonia, Tuberous-rooted Giant. Single frilled, in finest mixture	1.50	1.00
Double frilled, in finest mixture	2.00	1.00
Single crested, in finest mixture	2.00	1.00
Gloxinia erecta, Giant hybrids, only exhibition strain in mixture	1.50	1.00
Browallia speciosa major	1.00	.50
Peppermint, true	.75	.30
Campanula Calyc., Cup and Saucer, white, pink, purple, striped, each color		.25
	Per oz.	
Carnation, hardy garden, finest in existence	$2.50	.50
Centaurea imperialis, giant white and purple, each color	1.00	.25
Cowslip, large hybrids, mixed	2.50	.50
Snapdragon, giant tall mixture	.50	.25
Greenhouse Stocks for the Cut.		
Princess Alice, snow white	$2.50	$0.50
Boston Market, pure white	3.00	.50
Excelsior, new single stemmed, enormous pure white spikes	6.00	.50
New Perfection, sky blue	6.00	.50
Mignonette Triumph, new	6.00	.50
Wallflower, single dwarf Bush, dark brown	.50	.25
Wallflower, double dwarf Bush, black, brown, extra	4.00	.50
Candytuft, Giant Empress, per lb. $2.00; per oz.		25c.

O. V. ZANGEN, – HOBOKEN, N. J.

Mention The Review when you write.

Thorburn's Bulls

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

Apply for prices, stating number wanted.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE
GHENT, Belgium.

Mention The Review when you write.

M. GIELEN,

Oudenbosch, Holland

Largest grower of field-grown **Rose Stocks** on the continent. **Manetti Stocks** for fall delivery. Well rooted, fine stock, 6-12 mm., $5.00 per 1000; $400.00 per 100,000. Large quantities of general nursery stock. Correspondence solicited.

Mention The Review when you write.

SPECIAL VALUES IN **Gladioli and Fern Balls**

HIGH GRADE BULBS AT 33⅓ PER CENT BELOW REGULAR RATES. 250 bulbs at 1000 rate.

JOHNSON & STOKES' SPECIAL MIXTURE The best value on the market, 65c per 100; $5.50 per 1000.

FLORACROFT PRIZE MIXTURE First Size. Famous for its splendid quality. $1.00 per 100; $8.50 per 1000.

FLORACROFT PRIZE MIXTURE Second Size. 75c per 100; $6.50 per 1000.

	100	1000		100	1000
Groff's New Hybrids	$1.40	$11.00	Brenchleyensis, scarlet	$1.00	$9.00
Pink Shades	1.00	9.00	White and Light Shades	1.40	12.00

JAPANESE FERN BALLS

Large size in splendid condition, $2.50 per doz.; $20.00 per 100.

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

FERN BALLS We offer while unsold a choice lot of Fern Balls, 10x12 size, extra large, $25.00 per 100. Speak quick.

FLOWER SEEDS for LATE FLOWERS

ASTERS—Semple's Late Branching in lavender, purple, red, white, pink, 30c per trade pkt.; $1.50 per oz.
BALSAM—White Perfection, trade pkt., 25c; per oz., $1.00.
CANDYTUFT—Giant Empress, white, trade pkt., 10c.; per oz., 25c.
MIGNONETTE—Allen's Defiance, trade pkt., 15c; per oz., 40c.
CINERARIA—Michell's Prize Tall, mixed, ⅓ trade pkt., 60c; trade packet, $1.00.
" " " Dwarf, ⅓ trade pkt., 60c; trade pkt., $1.00.
PRIMULA—Michell's Grand Prize Mixture, ½ trade pkt., 60c; $1.00 per trade pkt.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

NOTICE, TO WHOM IT MAY CONCERN.

Ralph M. Ward & Co., New York

Having purchased my crop of **BERMUDA HARRISII BULBS** for the season of 1905, have the sole right to sell them in the American and Canadian markets and to offer them as **PENISTON'S BERMUDA HARRISII.**

March 31, 1905. **CLARENCE PENISTON, Hamilton, Bermuda.**

Mention The Review when you write.

NARCISSUS!

Our 1905 catalogue will be ready about June 10. Send for our prices before ordering elsewhere.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

D. RUSCONI,

Importer of Bulbs, Plants and Shrubbery.

NOW ON HAND A FINE STOCK OF

BAY TREES, BOX TREES and PALMS

I shall be pleased to quote you prices.

32 W. 6th Street, CINCINNATI, OHIO.

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RALPH M. WARD & CO.
Exporters and Importers
12 West Broadway, New York

Horseshoe Brand. **Bulbs, Plants. Valley our Specialty** Cold Storage Pips Always on Hand

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RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

XXX SEEDS

CHINESE PRIMROSE Finest grown large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the varieties separate, also.

CINERARIA Finest large flowering, dwarf, mixed, 1000 seeds, 50c.

GIANT PANSY The best large flowering varieties, critically selected 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. **Cash.** Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

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FISCHER'S GRAND FREESIA

"PURITY"

The finest in existence. A magnificent white of largest size, very fragrant, very strong, long stems, can be cut two feet long; flowers of great substance; very prolific in both flower and bulbs, producing bulbs of immense size when well grown. Price, $4.00 per 100; $30.00 per 1000. 500 at 1000 rate. Discount on 5000 lots. Ready now. Cash with order, please.

R. FISCHER, Great Neck, L. I., N. Y.

Mention The Review when you write.

H. N. BRUNS
VALLEY

1409 W. Madison St., Chicago

Mention The Review when you write.

SAMUEL S. PENNOCK,
PEONIES ...FOR... JUNE WEDDINGS
The Wholesale Florist of Philadelphia
Asp. Plumosus, unusually heavy strings. $40 per 100.
Mention The Review when you write.

THE CLEVELAND CUT FLOWER COMPANY,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.
52 AND 54 HIGH STREET, CLEVELAND, OHIO.
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Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
Mention The Review when you write.

DENVER.

The Market.

Decoration day trade was exceptionally brisk this year; in fact, better than for several years past. Denver has never before observed it with such a unanimity of sentiment. Throughout the state also it was fittingly observed, making an exceptional demand for flowers from out-of-town customers. Sunday was the busy day for the shipping trade, which all the houses enjoyed, and with some of them it necessitated some hustling until late into the night.

Prices stiffened on some lines, although the increase was not as much as the demand seemed to warrant. Every dealer was practically sold out, the larger stores closing in the early morning of Decoration day.

Owing to the unfavorable weather before, there was not as large a supply of peonies, lilac, snowballs, etc., as usual and other flowers, while plentiful, were not equal to the demand. The principal shortage developed in carnations and it was difficult to supply the needs, the prices not being prohibitive. From 75 cents to $1.50 per dozen were the ruling rates. There was a good supply of Brides but not so many Maids. Liberties were fairly plentiful. While Beauties sold well, it was noticeable that the demand was for carnations, and roses did not move freely until the buyers found there were no carnations to be had. Sweet peas were also plentiful and sold well, especially the white. There was a large supply of odds and ends which were all cleaned up. Cape jasmine arrived in large quantities but was not in great demand.

Various Notes.

There are a considerable number of coming June weddings and these and the commencement exercises of the various schools and colleges will stir up some business for a week or two.

On May 27, one of the most severe hail storms that have visited this locality for several years, passed over the northwestern part of the city, damaging the greenhouses of Ben Boldt at Mud Lake very severely, there being over 2,500 panes of glass broken, and damaging stock that was ready for Decoration day, as well as 8,000 carnations and 3,000 peony plants outside. He estimates his loss at $2,000.

If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
Cattleyas per dozen.....$6.00 to $7.50
Asst. Orchid Sprays, etc., per box 5.00 to 25.00
ORCHIDS
AND
Fancy Cut Flowers
FOR JUNE WEDDINGS.
ORCHIDS, FANCY VALLEY, SWEET PEAS, BEAUTIES, TEA ROSES, CARNATIONS, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. Send for price list. L. D. Phone Central 3598. Automatic 3823
Mention The Review when you write.

In the town of Lafayette the Cannon Floral & Seed Co. suffered a loss. Every window facing the west was broken and several hundred dollars' worth of cut flowers which were ready for Decoration day purposes were entirely destroyed.

One of the most brilliant affairs of the season was the McCourt ball at the Adams Hotel, June 1, the decorations being elaborate. Myriads of incandescent lights gleamed among palms, ferns, delicate pink honeysuckle vines and southern smilax. Clusters of bridal wreath, pink roses and peonies gave color to the scene. Yellow-coated song birds perched in branches of young trees vied with the orchestra in making sweet music for the dances. The work was done by A. H. Bush, of the Daniels & Fisher Stores Co.

Martin Reukauf, representing H. Bayersdorfer & Co., of Philadelphia, was calling on the trade the past week.

The fishing season opened June 1 and we noticed some of the craft who are experts took advantage of it, N. A. Benson, J. A. Valentine, G. H. Cooper and others. They have not yet reported the number caught or nearly caught. E. S. K.

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Mention The Review when you write.

KANSAS CITY, MO.—The preliminary list of premiums for the fall show has been mailed to all exhibitors at our previous shows. It is a very liberal list. For the class of 100 Beauties premiums of $150, $100, $75, $50 and $25 are provided and for 100 chrysanthemums $75, $50, $25, $15 and $10. Copies of the schedule may be had by addressing Louis W. Shouse, secretary.

Peonies, Kaiserins and Sweet Peas FOR JUNE WEDDINGS

The Philadelphia Cut Flower Co.
1516-1518 Sansom St.,
PHILADELPHIA, PA.

Mention The Review when you write.

BERGER BROTHERS, All Seasonable Flowers for Weddings and Commencements.
1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.
Mention The Review when you write.

Eugene Bernheimer WHOLESALE FLORIST
11 SOUTH 16TH STREET, **PEONIES** Philadelphia, Pa.
Mention The Review when you write.

HOLTON & HUNKEL CO.
WHOLESALE FLORISTS,
MILWAUKEE, -- WIS.
Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Michigan Cut Flower Exchange.
WM. DILGER, MANAGER.
All Ferns, Fancy and Dagger
$1.50 Per 1000.
38-40 Miami Avenue, Detroit, Mich.
Mention The Review when you write.

The History and Culture
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GRAFTED ROSES
For Forcing
BY ALEX. MONTGOMERY, JR.

"The most important contribution to the modern literature of the Rose."

"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."

Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.

FULLY ILLUSTRATED
PRICE, POSTPAID, 25c.
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FLORISTS' PUBLISHING CO.
Caxton Bldg., 334 Dearborn St.
CHICAGO

Wholesale Cut Flower Prices.

Philadelphia, June 7.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
Queen of Edgely, Specials		3.00
" " Medium	1.00 to	2.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 8.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10.00
" Ordinary	2.00 to	5.00
Golden Gate	2.00 to	8.00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		3.00
" Select	1.50 to	2.00
" Ordinary		1.00
Cattleyas		50.00
Dendrobium Jamesianum		30.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Daisies, White or Yellow		.50
Lilium Harrisii	5.00 to	8.00
Mignonette	1.00 to	2.00
Smilax	15.00 to	20.00
Sweet Peas	.50 to	.75
Gardenias		12.50
Valley	2.00 to	5.00
Snapdragon	4.00 to	8.00
Cornflowers		.50
Gladiolus Miniature	3.00 to	5.00
Peonies	3.00 to	5.00
Water Lilies	2.00 to	4.00

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Out-of-town florists promptly attended to. Telephone for what you want.
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Wholesale Florists.
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SHIPPING ON COMMISSION.
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ORCHIDS A SPECIALTY.
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Special arrangements this season for the extensive handling of American Beauties

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New York, June 5.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	6.00 to 10.00
"	No. 1	4.00 to 6.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	3.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		2.00 to 10.00
Mme. Chatenay		1.00 to 4.00
Killarney		1.00 to 6.00
Meteor		1.00 to 3.00
Orchids, Cattleyas		25.00 to 60.00
Carnations, Common		.25 to .50
"	Selects	.50 to 1.00
"	Fancies	1.00 to 1.50
"	Novelties	2.00 to 2.50
Adiantum Cuneatum		50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		5.00 to 10.00
Lilies		2.00 to 5.00
Lily of the Valley		.50 to 3.00
Smilax		8.00 to 10.00
Callas		3.00 to 5.00
Daisies		.25 to .50
Mignonette		.50 to 2.00
Sweet Peas		.50 to 1.00
Iris		1.00 to 2.00
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Perfect shipping facilities for out-of-town orders.
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Green and Bronze Galax Leaves.
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All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.
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NEW CROP FERNS Now Ready $1.50 Per 1000
GALAX, Brilliant bronze or green, 75c per 1000.
Use our laurel festooning for your June Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application, we make it daily, gathered fresh from the woods. Hand made, full sizes 4c, 5c and 6c per yard. Once used, always used. Branch Laurel, 85c per large bundle. Princess Pine by the pound or made into festooning when desired.
CROWL FERN CO., - - - MILLINGTON, MASS.
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Wholesale Cut Flower Prices.

	Boston, June 7. Per 100
Beauties, Specials	$15.00 to $25.00
" Extra	6.00 to 10.00
" Short Stems	2.00 to 4.00
Brides, Specials	4.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	4.00 to 6.00
" Seconds	1.00 to 2.00
Carnots, Kaiserins	2.00 to 6.00
Liberty	8.00 to 12.00
Chatenay	2.00 to 6.00
Carnations, Special	2.00 to 3.00
" Select	1.00 to 1.50
" Ordinary	.75
Lily of the Valley	1.50 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Callas	6.00
Lilium Harrisii	10.00
Sweet Peas	.50 to .75
Pansies	.25 to .30
Spanish Iris	2.00 to 3.00
Gladioli, colored	6.00 to 10.00
Gladioli The Bride.....50c bunch	

	Buffalo, June 7. Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate	2.00 to 6.00
Kaiserin	4.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	3.00 to 5.00
President Carnot	4.00 to 8.00
Perle	3.00 to 5.00
Sunrise	3.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lilium Harrisii	10.00 to 12.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .75
Pond Lilies	4.00 to 5.00
Peonies	4.00 to 6.00

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117 West 30th St., near Sixth Ave..
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Fine 5-inch.
J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.
Send for Price List.

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P E O

For your decorations for June Weddings you will
We will p

WE NEVER HAND

QUAL

PRICE LIST.

AMERICAN BEAUTIES—		Per doz.
Long		$3 00 to $4 00
Fair Length		2 00 to 2 50
Medium		1 50 to 2 00
Short		75 to 1 00
Brides, select	per 100,	5 00 to 7 00
Brides, good average	"	3 00 to 5 00
Bridesmaids, select	"	5 00 to 7 00
Bridesmaids, good average,	"	4 00 to 5 00
Liberty	"	4 00 to 10 00
Chatenay	"	3 00 to 6 00
Golden Gate	"	3 00 to 6 00
Perles, select	"	3 00 to 6 00
Roses, our selection	"	3 00

Subject to change without notice. Packing and Delivery at cost.

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VERY FINE HOME-GROW

$3.00 TO $6.

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Wholesale Commission Florists.

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Automatic Telephone
No. 7655.

CLOSINGS!

ill need the popular flower of the season in quantity.
ill positively be able to fill every order up to July 4.

NDLED BETTER

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I E S

PRICE LIST.

CARNATIONS—	Per 100
Special fancy varieties	$3 00
Good average	$1 00 to 2 00
Harrisii	10 00 to 12 00
Valley, our specialty, best	3 00 to 4 00
Daisies	1 00 to 1 50
Sweet Peas	50 to 75
Mignonette	1 50 to 3 00
Smilax	12 50 to 15 00
Adiantum	75
Sprengeri	2 00 to 4 00
Asparagus, per string, 30c to 50c	
Common Ferns .. 1000, $2-$2 50	25

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OWN STOCK. ALL COLORS.

6.00 PER 100.

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Dealers in Florists' Supplies.

Long Distance Telephone
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Vaughan & Sperry

WHOLESALE FLORISTS

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Write for Special Prices

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Wholesale Cut Flower Prices.

Chicago, June 7.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12 inch "		1.00
" Shorts	$0.50 to	.75
		Per 100
Bridesmaids, Specials	5.00 to	6.00
" Firsts	1.50 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	1.50 to	4.00
Liberty, Specials	6.00 to	10 00
" Firsts	1.50 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	1.50 to	4 00
Kaiserin	3.00 to	7.00
Perles, Firsts		6.00
" Seconds	3.00 to	5.00
Chatenay	3.00 to	6.00
Cattleyas	45.00 to	60.00
Carnations, Select	.75 to	2.00
" Fancy		3 00
Peonies	2.00 to	6.00
Callas	8.00 to	10.00
Harrisii	8.00 to	10.00
Sweet Peas	.50 to	1.00
Daisies	.75 to	1.00
Mignonette	3.00 to	8.00
Gladioli	5.00 to	8.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1,000	$2.00 to $3.00	.30
Adiantum Cuneatum	.75 to	1.00
Smilax per doz.,	$1.50 to $2.00	

THE orders show the facts: that the REVIEW is all right as an advertising medium.—B. H. HAVERLAND, Pleasant Run, O.

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

GEORGE REINBERG

51 Wabash Ave., Chicago.

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

Mention The Review when you write.

NOTICE

During last 8 weeks of strike condition, which still continues, the undersigned has shipped all his stock direct from greenhouses to his customers. For 12 years thus served our patrons. It is by far the most satisfactory to both grower and retail buyer, stock being absolutely fresh and handled but once. For balance of season wholesale store at 60 Wabash Ave. will be closed. Please address all messages and letters to

Yours very respectfully,

D. WOOD BRANT

W. Peterson and N. 48th Ave., Chicago, Ill.

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E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

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Zech & Mann

Wholesale Growers and Shippers of

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51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4 00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5 00 to 6.00
" " " seconds.	3 00 to 4.00
PERLE	3.00 to 6.00
UNCLE JOHN	5.00 to 6 00
" " seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00.

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Roses and Carnations A Specialty.....

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Mention The Review when you write.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

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STANDING ORDERS SOLICITED.

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A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

Bassett & Washburn

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WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

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WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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WEILAND & RISCH

Leading Western Growers and Shippers of

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59 Wabash Ave., CHICAGO

Long Distance Phone Central 879.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market

235-37 FILBERT ST. PHILADELPHIA, PA.

	Per 100
American Beauties, 2½-in. pots	$7.00
Liberty, 2½-in. pots	6.00
Kaiserin, 2½-in. pots, $4.00; 3-in.	6.00
Bride, 2½-in. pots, $3.50; 3-in.	5.00
Maid, 2½-in. pots, $3.50; 3-in.	5.00

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, June 7.

	Per doz.
Beauties, Specials	$3.00 to $4.00
" Extra	1.00 to 2.00
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	4.00 to 5.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	3.00 to 5.00
Carnations, Common	1.00
" Select	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Callas	10.00 to 12.50
Harrisii	10.00 to 12.50
Sweet Peas	.25 to .50
Peonies	3.00 to 4.00
Cape Jasmine	.50 to 1.00

Milwaukee, June 7.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Lily of the Valley	3.00
Sweet Peas	1.00
Daisies	.50
Peonies	4.00 to 6.00

Pittsburg, June 7.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 15.00
" No. 1	10.00
" Shorts	2.00 to 4.00
Brides and Maids	2.00 to 8.00
Cusin	2.00 to 6.00
Liberty	8.00 to 15.00
Chatenay	4.00 to 12.00
Perle	2.00 to 6.00
Carnations	1.00 to 3.00
Adiantum Croweanum	1.25 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	2.00 to 4.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	3.00 to 12.00
Sweet Peas	.20 to 1.00
Daisies, White	.50
Daisies Yellow	1.00 to 3.00
Candytuft	.75 to 1.50
Peonies	3.00 to 5.00
Spanish Iris	5.00

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Wholesale Cut Flower Prices.

Cincinnati, June 7.

	Per 100
Beauties, Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.50 to .75
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00

Cleveland, June 7.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$3.00 to $8.00
Meteors	4.00 to 10.00
Carnations	1.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	3.00 to 4.00
Sweet Peas	.50 to .75
Peonies	50c to 75c per dozen

THE REVIEW is a "bang-up" good paper.—JOS. W. FIELD, JR., Northfield, Mass.

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

WHEN I am in need of anything I always look for it in the REVIEW.—J. W. ALEXANDER, Charleston, W. Va.

IT takes a large stock to stand an adv. running long in the REVIEW.—STOVER FLORAL CO., Grandville, Mich.

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Wholesale Grower of

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Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

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CINCINNATI.

The Market.

Decoration day business was first-class this year. As was expected, stock was scarce and many orders could not be filled. All last week stock was scarce, several weddings and the high school commencements creating an active demand. Prices were well maintained.

Beauties were in fine shape and brought prices averaging a dollar per foot of stem. Golden Gate, Ivory and Kaiserin were also in good form, but Brides and Maids are now almost out of it.

The weather is hot at present and carnations are piling up in all the wholesale houses and a drop in price seems to be inevitable. Roses are not too plentiful and good ones are in demand. Beauties are holding up fine and the quality is good for this time of year. Sweet peas are in good demand and none too plentiful. Some beautiful irises are selling well. It is of the small variety and when worked up looks very much like orchids. Peonies are all the go and this market takes to them pretty well. The demand for lily of the valley, also lilies of all kinds is good and can scarcely be supplied. Candytuft, sweet alyssum, etc., sell well.

Various Notes.

G. Bruner's Sons report the usual good trade for their hardy roses.

Peter Weiland is sending some very fine peonies from New Castle and they sell well.

A. R. Johnston has started in the florists' business at the corner of Ward and Fairfield avenues, Bellevue, Ky.

The regular meeting of the Florists' Society will be held June 10.

J. B. O'Neal, of Chicago, was a caller.

Business is evidently good with Louis H. Kyrk for he has recently added the room adjoining his quarters and thereby largely increased his facilities.

C. J. Ohmer.

ROCKFORD, ILL.

H. W. Buckbee will at once proceed with the addition of a range of over 60,000 square feet of glass. The houses will be located on Buckbee street, close to the present plant. The style of construction will be ridge and furrow and the ground to be covered is 196x290 and the plan is to put up a thoroughly up-to-date range for cut flowers. Mr. Buckbee is led to take advantage of the present low price of glass and the quiet market for other material by the fact that more room is badly needed and would be an absolute necessity in a year or two if the present rate of increase in the business is to be kept up.

OCEANIC, N. J.

The regular meeting of the Monmouth County Horticultural Society was held June 2, President Hale in the chair. Final arrangements were made for the rose exhibition at our next meeting, June 16. After the business was through a discussion was brought up on "Bonora." The general opinion was that it is wonderfully quick acting, particularly on soft-growing plants and ferns. Mr. Kettel states that he had used it on young grass with gratifying results. Mr. Turner used it on a small scale on half-starved ferns. The improvement was plainly shown after the first application. Mr. Butterbach used it on antirrhinums and cauliflower under glass with excellent results, also on different ferns and small palms. After one application they were much improved.

In order to make our meetings more interesting, Mr. Turner suggested that at each meeting some exhibits be shown, such as herbaceous flowers, shrubs, fruits, etc., and to have some discussions about their nature and merits. A pair of fine cucumbers which scored 85 points was shown by Mr. Hale. The judges were Wm. Turner and H. Griffiths. B.

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4th July RIBBONS

In the national colors—**RED, WHITE and BLUE.**
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Surplus stock of standard varieties of **EVERBLOOMING BEDDING ROSES** at prices that will close them out.

Strong, healthy stock from 2½-inch pots, to include Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen Scarlet, etc.

Strictly our choice of varieties in good assortment. $2.00 per 100; $17.00 per 1000.

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Hardy Cut Fancy and Dagger Ferns.

$1.50 and $2.00 per 1000, best quality. Discount on larger orders.

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We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

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The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

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Orchids Arrived in splendid condition direct from the woods the following Orchids: Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia Candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also Catalogue of established Orchids.

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PEONIES, CARNATIONS and Specimen Nursery Stock.

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Retail Orders Promptly and Tastefully Executed.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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4326-28 Olive Street, **St. Louis, Mo.**
Established 1873.
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Your orders for
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will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST
36 W. Forsyth Street,
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HUGH GRAHAM CO.
PHILADELPHIA,
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All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
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546 FIFTH AVENUE
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Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
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C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS Near the Waldorf-Astoria
7 E. 33rd St., New York City.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

PACIFIC COAST.

Spokane, Wash.—Francis Koch, of the East Ross Park Greenhouses, was run down by a bicylist May 25 and sustained a bad cut on the forehead.

SAN FRANCISCO.

The Market.

Business for Memorial day was very quiet indeed until Saturday, when the shipping orders began to make their appearance, but not in such quantities as we have had in years past. I think it is safe to say that they averaged one-third less than we usually enjoyed at this time. Otherwise business was about up to the average and all day Sunday and Monday we were kept busy with the local trade. Flowers were abundant. Some of the growers tried to inflate the prices of sweet peas, but they only succeeded in tacking on 25 cents per dozen bunches, so that $1 per dozen bunches was the price the retailers had to pay. The public seemed to prefer this flower to anything else and vast quantities were handled. Roses and carnations held out well and there seemed to be enough to fill all orders. Bride gladiolus sold well, also calla lilies at 50 cents per dozen retail. Other varieties of hardy stock were well cleaned out and by Tuesday noon most of the retailers were entirely sold out.

School commencements are now in order and for the next week we will have plenty of demand for all kinds of good stock. Funeral work is rather slack, but there is some wedding decorating doing.

Various Notes.

F. Pelicano has returned from his southern trip, also John Vallance, of the Cox Seed Co.

W. J. Thomas has opened a store in Tonopah, Nevada, under the name of the Nevada Floral Parlor.

W. P. Hammon, of Oroville, Cal., for many years in the nursery business in this vicinity, but now interested in mining ventures, is in town.

D. Raymond, of the Garden City Pottery Works, San Jose, is in town. Mr. Raymond has recently returned from Syracuse, N. Y., where he went to pay especial study to the flower pot industry. He has promised to give this section of the country the benefit of his new ideas.

Domoto Bros., of Elmhurst, intend to build three large rose houses for the coming season's business. They intend to dispose of their Melrose nurseries.

J. C. Vaughan, of Chicago, addressed a meeting of the Pacific Coast Horticultural Society on Saturday evening last. Mr. Vaughan gave a very interesting talk on general trade topics before a large and enthusiastic gathering. The meeting was also addressed by Professor Smith.

It is with deep regret that we note the death of M. Lynch, of Menlo Park, who was buried at Holy Cross on Memorial day. Mr. Lynch's demise was quite sudden, although he had not been in his usual robust health for several months. Probably no grower was better known on the coast than Mr. Lynch. He had lived in the neighborhood of Menlo Park for over twenty years and at the time of his death was actively engaged in business. As a plantsman he had few equals and as a successful grower of cut flowers his reputation was established many years ago. His widow and family have the sympathy of the entire florist craft in their bereavement.

E. Gill, of Oakland and West Berkeley, left San Francisco on the steamer Alameda on Saturday last for an eight months' trip around the world. He is accompanied by his daughter Elizabeth, a recent graduate of Stanford University. G.

50,000 FINE
CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45 00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.
Freight prepaid at the above prices. 250 at 1000 rate. CASH.
A. MITTING, 17 TO 23 KENNAN ST., Santa Cruz, Cal.

Mention The Review when you write.

A LEMON DISEASE.

In addition to the many plant and orchard pests that trouble California fruit and plant growers, a new and dangerous plant disease has arisen and the services of Prof. R. E. Smith, assistant professor of plant pathology, have been enlisted in an attempt to check it. Prof. Smith announced this week that the government at Washington will co-operate with the department here in an attempt to wipe out the lemon brown rot, a disease which is threatening the destruction of the entire lemon growing industry in California.

This brown rot constitutes a problem for plant pathologists to study, its character differing radically from any parasitic growths known here. Its effects thus far have been to partially paralyze the lemon growing industry, nearly forty per cent of the last year's crop having been spoiled by it. The disease leaves a brown mold on the surface of the fruit, which eventually shrivels the lemon and leaves it absolutely unfit for use.

Three years ago the first sign of the brown rot appeared in the lemon orchards of Southern California. It spread and attacked nearly every orchard in that portion of the state. It is a pest as far as known that does not exist in other countries and so constitutes a new problem for our experts to work on. Hundreds of letters have been received from southern growers asking the assistance and praying that something will be discovered to afford relief in the near future. G.

PIPE JOINTS.

I am building some greenhouses and have some 4-inch cast-iron pipe I would like to use for hot water. Is oakum a good material with which to put them together, or is there anything better? I am using oakum and red lead. What kind of paper is best to use between the walls? J. J. C.

The usual method of putting cast-iron hot water pipe together is by means of oakum and red lead mixed with pure linseed oil. The oakum should be saturated with the lead and oil and the strands well twisted in order that they will pack together tightly. Ram the oakum in tightly and keep adding ring after ring until the joint is entirely filled. Another method of making the joints is by using clean iron filings and a small quantity of sal-ammoniac. A small amount of oakum is first tamped in, after which the joint is rammed full of the filings and sal-ammoniac. This is known as a rust joint and is difficult to remove or repair.

The best paper to use between the walls is a good grade of rosin-sized building paper. Tarred paper is more lasting but more expensive, and the use of tar in any form in connection with the greenhouse is objectionable.

L. C. C.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, Amaryllis Johnsoni and Belladonna, etc., now digging. Can deliver in any quantities end of June and July.
Rees & Compere P. O. Address: R. F. D. No. 1, Long Beach, Cal.

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Calla Bulbs!
for August delivery.
Paper White Narcissus
for fall delivery. Send for price list.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

CALIFORNIA FIELD-GROWN
Freesia Bulbs.

Per 1000	Per 1000
¼ to ⅜-inch bulbs, $1.25	½ to ⅝-inch bulbs, $3.35
⅜ to ½-inch bulbs, 2.05	Mammoth bulbs... 6.40

Bulbs delivered, express prepaid.
Rates on orders for over 5000.
H. N. GAGE, Burnett, Cal.

Bangor, Me.—C. L. Asmussen will shortly erect a house 15x100 for lettuce forcing.

West Philadelphia, Pa.—Wilfred Wilkinson will add two more houses to his place this summer.

Freeport, Ill.—John Bauscher, Jr., offered green carnations for Decoration day. He must have had his dates mixed.

Louisville, Ky.—F. G. Schulz, son of Jacob Schulz, and Miss Mary M. Spillane, of Colorado Springs, Colo., were married June 7.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E W Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden Springs, Ind., June 14-17, 1905.

EVERY indication points to the banner meeting of the American Association of Nurserymen at West Baden, Ind., next week.

WESTERN nurserymen are well pleased with the financial outlook in their section. It speaks for even better business than in the past.

IT is pretty hard to see that there is any change in the old, established methods of growing nursery stock, either in the matter of heading or other details.

A NEWLY discovered species of juniperus has been named Pinchoti, in honor of Gifford Pinchot, of the U. S. Bureau of Forestry. It is found in the thin soil of certain parts of Texas.

FROM east and west the report is that weather conditions to date have been favorable to give the season's plant a good start and that the prospect is for excellent stock for next season.

MANY growers are expected to leave the nurserymen's convention at West Baden next week Friday night and have Saturday at the exhibition of the American Peony Society at the Auditorium Hotel, Chicago.

FROM all sections of the country comes the report that the call for ornamental stock was greater the past season than ever before. While the business in fruit trees is good it shows no such increase as is noted in the ornamental department. In the older sections of the country large specimens are wanted.

THE BABY RAMBLER.

In a recent circular letter Chas. J. Brown, of Brown Bros., Rochester, calls the Baby Rambler "the best rose ever introduced" and says of it:

"We have never handled anything that sold as this rose does, and furthermore we have watched it closely and are confident that it is bound to be in great demand for the next fifteen or twenty years. We are pretty familiar with the stocks both in this country and in Europe. Many representatives of foreign houses are traveling around and offering this rose and I am satisfied that they are booking a great many more orders than will ever be filled. In our experience last year, under a very definite agreement with the originators, we received only about one-half the number agreed upon, and two-thirds of the half so received were very inferior plants."

FORESTERS WANTED.

The Bureau of Forestry, U. S. Department of Agriculture, has published a circular giving information regarding employment on the national forest reserves. This circular explains how appointments to the forest service on the reserves are made, states the salaries of its members, and indicates the knowledge and experience required of rangers and supervisors, and the duties each must perform. The future organization will include forest supervisors at $1,800 to $2,500 a year, deputy forest supervisors at $1,500 to $1,700, forest rangers at $1,200 to $1,400, deputy forest rangers at $1,000 to $1,100, and assistant forest rangers at $800 to $900. The law requires that every applicant for a position in the forest service pass a civil service examination.

Work upon the forest reserves offers good and increasing opportunity for men of the right sort. Requests for information about the times and places when and where examinations will be held should be addressed to the Civil Service Commission, Washington, D. C.

THE NURSERY LANDSCAPIST.

In the past few years it has become the practice for nearly all large nurseries to prepare planting plans for anyone in need of such and it has invariably been found that the landscape department is a valuable adjunct to the sales department. There are those who deplore the tendency of the nurseries to go into landscape gardening. By some it is professed that the artistic temperament, or at least an artistic training, is necessary in the landscape architect. On the other hand there are those who do not hold the belief that long hair and a flowing red necktie are necessary attributes of the landscape architect. They believe that if landscape architects knew less of art and had a more intimate knowledge of plants the work they do would be more uniformly successful. As a matter of fact those nurseries which are known to practice the most careful cultural and the most thorough business methods are to be relied upon to procure the best talent for their landscape departments, and in any event one is as safe in trusting to a nursery planting plan as he is in entrusting his work to those of the landscape architects who are without practical gardening experience.

DWARF BOX!

3 to 5 inches. $25.00 per 1000. 2 to 4 inches. $20.00 per 1000.
SPECIMEN EVERGREENS in assortment. Prices upon application.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

BABY RAMBLER

Ever-Blooming Dwarf Crimson Rambler.

A gem among Roses. An ever-blooming, dwarf reproduction of Crimson Rambler. Always in bloom. Every Florist in the land should have it. 2¼-inch pot plants, **now ready for delivery,** $2.50 per doz.; $15.00 per 100; $125.00 per 1000.
THE DINGEE & CONARD CO., West Grove, Pa.
Mention The Review when you write

IMPORTANT

We are growing **500,000 ROSES** and will allow a special discount if orders are given now for next spring delivery. Also **YOUNG NURSERY STOCK** for transplanting.
HYDRANGEA, P. G., $15.00 per 1000 if order is given on or before June 20; later $20 per 1000.
THE ELIZABETH NURSERY CO., ELIZABETH, N. J.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias. Madeira Vines.
SUGAR MAPLES 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. **E. Y. TEAS, CENTERVILLE, IND.**
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30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.
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PEONIES.

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY,
504 W. Peterson Ave., CHICAGO, ILL.

FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York

YOU CAN PLANT AT ANY TIME

Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4 inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. **W. H. Salter, Rochester, N. Y.**
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W. & T. SMITH COMPANY
GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety**

Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
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EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, **CHICAGO.**
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WASHINGTON.

Business at present, with the exception of some few commencements, is practically at a standstill. Roses of all kinds are beginning to get small on account of the warm weather. Sweet peas, as well as other outdoor stock, are now coming in plentifully. Blackistone, Schaffer and Cooke have had quite a few June weddings to start the ball rolling.

The business of J. Louis Loose has been incorporated for $100,000, J. Louis Loose, president; Otto Bauer, treasurer and general manager. The style of the firm will be the Washington Florists' Co., Inc. The balance of the stockholders are all unknown to the trade.

F. H. Kramer signed a contract June 5 and purchased outright the whole stock of the new rose of Peter Bisset, of Twin Oaks. The new rose is pink in color, a cross between Mme. Abel Chatenay and Liberty, very fragrant and as free as the Maid and Bride and Mr. Kramer thinks it without question the finest rose to date. He will disseminate his new rose in the spring of 1906. The name of the rose will be Queen Beatrice, in honor of Miss Beatrice Smith, who has been in Mr. Kramer's service for the last three years.

Convention matters at present are at a standstill until after the coming club meeting, which takes place Tuesday, when almost all final arrangements will be made.

The lady bowlers are practicing and the results this week are as follows:

Player.	1st	2d	3d
Mrs. Oliver	46	78	76
Miss Beatrice Smith	69	82	82
Miss Annie Kramer	47	68	49
Miss Hattie Hill	31	40	29
Miss Annie Blaine	43	67	80

F. H. K.

TARRYTOWN, N. Y.

The May meeting of the Tarrytown Horticultural Society being the annual ladies' night, only necessary business was transacted. Three new members were elected and two names proposed. The occasion was graced by a large attendance of the fair sex. A good musical program was provided, also refreshments. All agreed that it was a very enjoyable evening. The exhibits consisted mostly of cut flowers from hardy shrubs and herbaceous plants.

The June exhibition of roses, strawberries, hardy flowers, etc., will be held in the Young Men's Lyceum on the afternoon and evening of June 13. Schedules for this as well as for the fall show may be had from the secretary, E. W. Neubrand.

MUNCIE, IND.—Edward L. Hime will be custodian and florist at McCulloch park.

SURPLUS

Rose Stock

Fine clean, cool grown stock of the following varieties.

	From 2-in. pots Per 100	From 3-in. pots Per 100
Beauties	$4.00	$5.50 to $6.00
Brides	2.50	3.50
Maids	2.50	3.50
Kaiserin	2.50	3.50
Chatenay	2.50	3.50
Ivory	1.50	2.00

Satisfaction guaranteed or money returned

UNITED STATES CUT FLOWER CO.
ELMIRA, N. Y.

Mention The Review when you write.

ROSES For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices, as we are in need of the space they occupy.

	Per 100	Per 1000
AMERICAN BEAUTY, 3½-inch	$6.00	$50.00
AMERICAN BEAUTY, 2-in	4.00	35.00
GENERAL MacARTHUR, 3½-inch	8.00	75.00
UNCLE JOHN, 3½-inch	3.50	30.00
UNCLE JOHN, 2-inch	2.50	20.00
CHATENAY, 3½-inch	3.50	30.00
BRIDE, 3½-inch	3.50	30.00
BRIDESMAID, 2-inch	2.50	20.00
AMERICAN BEAUTY (Bench Plants)	4.00	35.00

CARNATIONS 100,000 FIELD-GROWN. Our plants being large, we are prepared to book orders now for early shipment and shall have the following varieties to offer.

ENCHANTRESS, LAWSON, pink, BOSTON MARKET, NELSON FISHER, STELLA, CRUSADER, FLAMINGO, HARRY FENN, ROOSEVELT, MRS. NELSON, TRIUMPH, MRS. INE, FLORA HILL, PERU, GUARDIAN ANGEL

We shall begin making deliveries the latter part of July, at which time our stock will be in the best possible shape to ship. Prices furnished upon application; also when writing state when stock is wanted, we guaranteeing all stock to be in A-1 Condition.

J. A. BUDLONG, 37-39 Randolph Street CHICAGO

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OLD BEAUTY PLANTS FOR SALE

Choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 per 1000, at Hinsdale, Ill.

BASSETT & WASHBURN

Office: 76 Wabash Ave., CHICAGO.
Greenhouses: HINSDALE, ILLINOIS.

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Brides and Maids

Fine 2½-inch stock, ready for 3-inch, $25 per 1000. 3-inch, $30 per 1000.

HELLER BROS., New Castle, Ind.

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ROSES!

	Per 100
American Beauty, 2-in. pots	$5.00
2-yr-old, 4-in. pots, 40 varieties, our selection	6.00
40 varieties, our selection, 2-in. pots. $15.00 per 1000.	
2-in. Asparagus Plumosus	2.50
3-in. " "	4.00
2-in. Sprengeri	2.50
Heliotropes, Hardy Phlox, Fuchsias, Flowering Begonias	2.50
Salvia	2.00
Stokesia Cyanea, 2-in. pots	2.00
Moonvines, 2½-in	2.50
" 4-in	10.00

The National Plant Co.
DAYTON, OHIO.

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CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace Dissemination 1906. Early. Commercial. $ 2.00 per doz. 12.00 per 100 100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

ROSES! From 2 1-2 Inch pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALIND ORR ENG.	25.00	200.00
AMERICAN BEAUTY	$5.00	$40.00
LA DETROIT	6.00	50.00

AMERICAN BEAUTY—Bench plants.....$5.00 per 100; $40.00 per 1000

	Per 100	Per 1000
PERLE von Godesberg	$5.00	$40.00
LIBERTY	5.00	45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

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C. R. HILLS, GRAND RAPIDS, MICHIGAN

AMERICAN BEAUTIES, EXTRA FINE. 3-INCH.....$6.00 PER 100
LA DETROIT. EXTRA FINE. 3-INCH ..... 8.00 PER 100
CHATENAY, PERLE, SUNRISE. 3-INCH ..... 5.00 PER 100

Cobaea Scandens, 2¼-in.....$2.00 per 100
" " extra fine, 3-in.... 4.00 per 100
Clean and healthy.
Smilax, nice, bushy plants, 2¼-in., $1.50 per 100; $12.50 per 1000.

German Ivy, 2¼-in.....$2.00 per 100
Shasta Daisies, 2¼-in..... 2.50 per 100
Christmas Peppers, 2¼-in..... 2.00 per 100
Nicotiana Sanderae, 2¼-in.....$1 00 per doz.

ASTERS.

Hohenzollern, Queen of the Market and Carison's.
From bench.....$0.60 per 100; $5.00 per 1000
From 2¼-in. pots..... 1.50 per 100; 12.50 per 1000

PRIMULAS, for July Delivery.

Mention The Review when you write.

Bedding Plants

Orders will be filled same day received, if we are short of stock ordered money will be returned by next mail. Per 100, 2¼-in.

Ageratum, dwarf, blue.....$2.00
Alternanthera, red, yellow; 100 R. C., 40c. 1.50
Alyssum, Sweet, Giant dbl..... 2.00
Asparagus, Plum. and Spreng., 3-in., $5, 4-in., $8; seedlings, $1..... 2.50
Begonia Vernon..... 2.50
Carnations, R. C., 2 and 3-in.; price list free.
Summer blooming, Mrs. Fisher, white and pink, 3-in., 100, $6.00.
Cobaea Scandens, trpl., fr. flats, $1.00..... 2.00
Coleus, in varieties, R. C., 70c..... 2.00
Dahlias, in varieties, doz., 50c..... 4.00
Daisies, Longfellow and Snowb., in bloom, $1.00; 1000, $8.50.
Dracæna Ind., 2-3-4-in., 100, $2.50, $5, $8.
Dusty Miller, trpl., fr. flats, $1.00..... 2.00
Ferns, Boston, fine, 5-in.. $20.00.
Feverfew, Little Gem; 3-in., 100, $5.00..... 2.00
Forget-Me-Not, in var., trpl.; 100, $1.00.... 2.00
Fuchsia, in var., 3-in., $5; 4-in., $8..... 2.50
30,000 Geraniums, Nutt and other var., 3-in., $5..... 2.00
20,000 Geranium Mme. Salleroi, very strong..... 2.50
Geraniums, Fancy, Tricolor and new var., doz., $1.
Geraniums, Ivy-leaved, 3-in., $6.00..... 3.00
Heliotrope, in var., 3-in., $5..... 2.00
Hollyhocks, 3-in.....$5.00 per 100
Ivy, Kenilworth 2.50
Lobelia, dwarf and trail., sep., trpl., $1.00.. 2.00
Lemon Verbena, 3-in.; $5.00..... 2.50
Lantanas, in var., 3-in., $5..... 2.50
Marguerites, white and yellow..... 2.00
Pansies, 300,000 splendid mixed in bloom; 1000, $12.50, $10.00, $6.50, according to size; sample free. White, blue, black, purple and yellow, separate colors, trpl., 100, $1.
Petunia, double fringed 2.50
" single, in bloom..... 2.00
Phlox, Drummond, mixed..... 2.00
Salvia, in varieties..... 2.00
Smilax, trpl., fr. flats, strong, $1.00..... 1.50
Swainsona Alba, 3-in., $5.00.
Tradescantia..... 2.00
Umbrella Plants, 3-in., $4.00 ..... 2.00
Verbena, mixed, trpl., $1.00..... 2.00
15,000 Vinca Var., strong 3-in., $5.00; 4-in., $10; 2½-in., $3.00..... 2.00

VEGETABLE PLANTS

Cabbage—Wakefield, Early Spring and Early Summer, All Head Early, Succession, Drumhead, Danish Ballhead, Winter, 1000, $1.00; 10,000, $8.50. Trpl., 1000, $2.00.
Cauliflower—Early Snowball, trpl., strong, 1000, $4.00. Danish Snowball, 1000, $2.00.
Celery—A few millions of plants. White Plume, Golden Self-Blanching, Dwarf Golden Heart, Winter Queen, Giant Pascal, 1000, $1.00; 10,000, $8.50; 100, 15c. Trpl. White Plume, ready, 1000, $2.00.
Onion—Prizetaker, 1000, $1; 10,000, $8.
Sweet Potatoes—Yellow Jersey, 1000, $1.50.
Tomato—Earliana, Lorrillard, Acme, Dwarf Champion, Ponderosa, Livingston's Beauty, 1000, $1 to $1.50. Trpl., 1000, $2, $5 and $10.
Price list mailed free. Cash with order. If by mail, add 10c per 100 on R. C. and seedlings.

LUDVIG MOSBAEK, Onarga, Ill.

ROSE PLANTS

OWN ROOTS. STRICTLY FIRST-CLASS STOCK.

De Brabant, Ivory, Meteor, The Bride, White Rambler, Clothilde Soupert, Etoile de Lyon, Marechal Niel, White Maman, Duchess of Albany, Helen Gould, Malmaison, Pink Rambler, Yellow Rambler. Hermosa. Phila. Rambler.
From 2½-inch pots, $2.25 per 100; $18.00 per 1000.

Crimson Rambler, La France, Mme. Chas. Wood, Perle des Jardins, Vick's Caprice, Capt. Christy, Gen. Jacq. P. C. de Rohan, Mme. Plantier, Kaiserin Aug. Victoria, Sunrise,
From 2½-in. pots, $3.00 per 100. $25.00 per 1000.

C. M. NIUFFER, Springfield, Ohio.

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Chatenay—Uncle John—Perle

A limited supply extra fine plants.

THE CASSER COMPANY
EUCLID AVENUE,
CLEVELAND, - - - OHIO

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Roses

	Size pots.	Per 100
Perles	3-in.	$4 00
Brides and **Maids**	2½-3-in.	3.00
Golden Gates	4-in	4 00
Ivories	2-in	3.00
Ivories	4-in	5.00

Also **Dracaena Indivisa,** 5-in., 20c each.
Dracaena Indivisa, 2-in..... 2.00
Asparagus Plumosus, 3-in..... 4.00
Asparagus Sprengeri, 2-in..... 2.00
WM. B. SANDS, Lake Roland, Balto., Md.

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SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

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Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

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Carnations and Cannas

SPEAK QUICKLY.

2000 fine Carnation plants from flats, ready to plant outside and hardened off. Queen Louise, $2 00 per 100; Joost, $1.50 per 100; Prosperity, $2.00 per 100. All same per 1000.

10 000 fine potted Cannas, well established. Leading bedding sorts, $1 00 per doz.; $6.00 per 100, including Bronze Leaved and Gloriosa, 2½ ft. gilt edge for outside row, 20 varieties.

DORMANT CANNAS, all colors, not named, $1.50 per 100. Lots of Heliotrope, 2c; Verbenas, 2c; Scarlet Sage, 2c; Clematis Paniculata, 3 year, 10c; Ampelopsis Veitchii, pot-grown, dormant, long tops, 4c; Vinca Major Var., 4-inch, 8c; 2½-inch, 3c. All cash or C. O. D. **All lists.**

BENJ. CONNELL, WEST GROVE, PA.

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Roses and Mums!

ROSES—Standard list of good varieties, $3.00 per 100; $25.00 per 1000.
MUMS—All the best commercial kinds, $1.00 to $2.00 per 100.

BURDELL FLORAL CO., Bowling Green, Ky.

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RED SPORT

The Great Christmas "Hollyberry" Red Carnation. Most profitable red ever introduced and an easy doer, everybody can successfully grow it. Strong plants from 2¼-inch pots, ready to plant in the field or on the bench inside, $6.00 per 100; $50.00 per 1000. Satisfaction guaranteed.

A. B. DAVIS & SON,
CARNATION SPECIALISTS, PURCELLVILLE, VA.

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PITTSBURG.

The Market.

We have been having delightful weather but too cool for growing, almost frost Saturday night. With business above the average all week, the retailers were kept in a good humor. Roses were much benefited by the cooler weather and were much better in color and size. While the better grades were not so plentiful, there were more than plenty of the cheaper ones. Home peonies are coming in fine but will hardly last long, as the later ones seem to be coming in with the early reds.

Various Notes.

The Wm. Lauch place on Brownsville road, Carrick, Pa., was sold to a land company, to be laid out in lots. Mr. Lauch has purchased land near New Galilee, Pa., where he has already planted out carnations, asters and such other stock as he will need for summer blooming. He will begin taking down his houses at once to remove them to the new place, as he expects to get them up in time for fall planting.

Jos. E. Bonsall, of Salem, O., who closed his houses when winter set in and went south, is now back at the old stand and is already cutting flowers from some things which did not need any winter attention.

Wm. Cromack, of Irwin, Pa., is erecting two new houses, each 120 feet long. He has secured the contract for planting the Pittsburg Exposition grounds. This will make his third year.

Charlie Crall, of Monongahela, Pa., says they are already sold out of the largest stock of bedding plants they ever had and at good prices. A good carnation grower might find it to his advantage to communicate with Mr. Crall.

Blind Brothers also say this is a banner year for plantsmen. Most of the stock cleaned up at satisfactory prices. They are also cutting some fine Spanish iris.

The Pittsburg Cut Flower Co. is now getting immense quantities of fine peonies from Theo. F. Beckert, also fine sweet peas. They report business above the average for this season of the year.

Hoo-Hoo.

MARSHALLTOWN, IA.—Ira Kemble is convalescing after his illness with typhoid fever.

GENESEO, ILL.—On June 1 Will Austin, who has been in business here twenty-three years, sold out to the Hill Floral Co., consisting of Howard L., Leroy B. and Blanche E. Hill.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

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CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

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Rooted Cuttings and Plants.

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100
American Beauties	$5.00	$45.00	$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4.50	40.00	6.00
Golden Gates	$3.50	$30.00	$5.00
Bridesmaids	4.00	35.00	5.50

Cut Back Bench Beauties, $45.00 per 1000. **Meteors, Maids, Brides, Gates, Chatenay, Perles,** $2.50 per 100.

CHRYSANTHEMUMS.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Kalb	1.50	2.50
Robinson	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Wanamaker	1.50	2.50
Timothy Eaton	2.00	3.00
W. Bonnaffon	2.00	3.00
Chadwick	2.50	3.50
Crawford	2.00	3.00
Merry Christmas	1.50	2.50
Yellow.		
Monrovia	2.00	3.00
Parr	1.50	2.50
Sunshine	1.50	2.50
Whildin	1.50	2.50
Halliday	1.50	2.50
Appleton	2.00	3.00

Yellow.	R. C. Per 100	2½-in. Per 100
Bonnaffon	$1.50	$2.50
Reiman	2.50	3.50
Yellow Eaton	2.50	3.50
Chautauqua Gold	2.00	3.00
Nagoya	2.00	3.00
Pink.		
Lady Harriet	2.00	3.00
Pacific	1.50	2.50
V. Morel	2.00	3.00
Perrin	1.50	2.50
Xeno	2.00	3.00
Maud Dean	1.50	2.50
Quito	1.50	2.50
Pink Ivory	1.50	2.50
Shaw	1.50	2.50
Lady Hanham	2.00	3.00
Red.		
Intensity	2.00	3.00
Shrimpton	2.00	3.00

NEW VARIETIES.

White.	R.C. Doz.	2½-in. Doz.	2½-in. Per 100
Emily Mileham	$4.00	$5.00	$40.00
Mme. Paul Sahut	4.00	5.00	40.00
N. Pockett (cream)	.50	.75	4.00
Majestic (per 100)	10.00	....	15.00
Adelia	10.00	....	15.00
Yellow.			
Mrs. Wm. Duckham (cup winner)	6.00	7.50	60.00
Merstham Yellow	4.00	5.00	40.00
Kimberly	.60	.75	....
Prima	.60	.75	....
Plumridge (per 100)	2.00	....	3.00
T. W. Pockett (per 100)	1.50	....	2.50

Pink.	R.C. 100	2½-in. Per 100
American Beauty	$2.50	$4.00
Cobbold	2.50	4.00
McNiece	2.50	4.00
Ben Wells (light pink)	2.50	4.00
Lelia Filkins	2.50	4.00
Etherington	2.50	4.00
Dr. Enguehard	2.50	4.00
Marie Liger	2.50	4.00
Coombes	2.50	4.00
Wm. Duckham	2.00	3.00
Red.	R. C. doz.	2½-in. doz.
Sport of Duckham	$1.50	$2.50
Lord Hopetoun	.75	1.00

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for finest Cut Roses, Carnations, etc.
Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO.
MORTON GROVE, ILL.
Cut Flower Salesroom, 35-37 Randolph St., CHICAGO

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HEADQUARTERS
.....FOR.....
KILLARNEY

Siebrecht & Son,
ROSE HILL NURSERIES,
New Rochelle, N. Y.

ROOTED CUTTINGS
.....OF.....
Chrysanthemums
Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 per 1000.

VIOLETS, from 2-inch pots.
Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell doubles, all at $2.50 per 100; $20.00 per 1000.

Eli Cross, Grand Rapids, Mich.

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ALL the **BEST** offers
ALL the time in the Review's Classified Advs.

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ENGLISH IVY AND SURPLUS BEDDING PLANTS

ENGLISH IVY, 4-in., $1.50 doz.; $12.00 100. **COBAEA SCANDENS,** 4-in., $1.00 doz.; $8.00 100.

CANNAS—Burbank, Alemannia, Souv. de Antoine Crozy, Francis Reif, Austria, Duchess of Marlborough, Mme. Louis Druz, Kate Gray, Robert Christie, 4-inch, $1.25 doz.; $10.00 per 100.

Ageratum, 4-inch, $8.00 100. Caladium, 5-inch, $15.00 100. Castor Beans, 4-inch, $8.00 100.

Begonia Vernon, 4-inch, $8.00 100. Petunias, 4-inch, $8.00 100. Salvia, 3-inch, $6.00 100.

All are plants in first-class condition and sure to please.

PRICE LIST OF PALMS AND FERNS

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.00	25.00
" "	7	34-36	6	$2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	7	32-36		2.00	24.00	
" " Single	8	34-38	5-6	2.50	30.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis, beautiful specimens in tubs.				40.00		
Phoenix Reclinata	6				9.00	
Ficus Elastica	4	10-12		.25	3.00	
" "	5	16-20		.40	4.50	
Araucaria Excelsa	4		2-3 tiers	.50	6.00	
" "	5		3-5 tiers	.75	9.00	
" "	6		3-5 tiers	1.25	15.00	
" " Compacta	6		3 tiers	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	
Pandanus Veitchii	6			1.00	12.00	
" "	7			2.00	24.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	9			$3.00	$36.00	
Poa Trivialis Var	3	Fine for Ferneries				$ 6.00
Crotons	3				1.50	
"	4				3.00	
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Adiantum Cuneatum	4				1.50	12.00
"	5				2.00	15.00
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
"	5				5.00	
"	7				9.00	
" Terminalis	6	22-24		.75	9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
"	3				1.00	8.00
"	4				1.50	12.00
" Sprengeri	3				.75	6.00
"	4				1.50	10.00
"	5				2.00	15.00
"	6				3.00	20.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2					5.00
Boston Ferns	8			1.25	15.00	
"	12			3.00		
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Mention The Review when you write.

AMERICAN BEAUTY

	Per 100.	Per 1000.
Plants from bench	$5.00	$40.00
Fine stock from 3-in. pots.		
MAIDS	3.50	30.00
BRIDES	3.50	30.00
GOLDEN GATES	3.50	30.00
IVORY	3.50	30.00
CHATENAY	3.50	30.00
LIBERTY	4.00	35.00

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Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

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Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.

Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

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New Rose WELLESLEY

Own root plants, $25.00 per 100.

WABAN ROSE CONSERVATORIES,

NATICK, MASS.

John N. May, Summit, N. J.

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CHRYSANTHEMUM Novelties

and Standard Kinds. If you are short of stock for planting better write me about it. I have a good stock on hand. Prices Right. Goods Right. **CHAS. H. TOTTY, MADISON, N. J.**

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EASIGOLD

The new early Yellow Chrysanthemum Easy to grow. Easy to sell and sold at the very easy price of $8.00 per 100; $60.00 per 1000. We have a big stock, having grown it for three years and offer it at a rate that enables every grower to fill a bench.

Testimonials by the dozen if you want them.

FLETCHER OF AUBURNDALE

AUBURNDALE, MASS.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

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ROSES

We grow over 100,000 Annually.

VARIETY	2x2½-in.	2½x3-in.	3x3-in.
Brides	$2.50	$3.50	$5.00
Maids	2.50	3.50	5.00
Golden Gate	2.50	3.50	5.00
Ivory	2.50	3.50	5.00
Meteors	3.00	4.00	6.00
Souv. de Wootton	3.00	4.50	6.00
Kaiserin Aug. Victoria	3.00	4.50	6.00
Perle des Jardins	3.00	4.50	6.00
Belle Siebrecht	3.50	4.50	7.50
LaFrance	3.50	4.50	7.50
President Carnot	3.50	4.50	7.50
Gen. MacArthur	6.00	7.50	12.50
La Detroit	6.00	7.50	12.50
American Beauties	6.00	8.00	12.50

Get your order in early and we will ship when wanted. **Write for list of Chrysanthemums.**

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

FIRST-CLASS ROSES FOR SALE

3½-inch pots, $6.00 per 100.

BRIDE,	HOSTE,
BRIDESMAID,	SUNSET,
PERLE,	SUNRISE,
METEOR,	GOLDEN GATE,
CHATENAY,	IVORY.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address

John G. Esler, Sec'y., Saddle River, N. J.

WASHINGTON, N. J.

Alonzo J. Bryan, formerly of New Hampton, who has there successfully conducted a business, mostly in the line of plants, for the past five years, has purchased a tract of land at 282 E. Washington avenue, for $7,000. He has removed his large stock of plants and two greenhouses to the new location within the past few months. It is Mr. Bryan's intention to engage extensively in the florists' and trucking business, for both the wholesale and retail trades, having now several acres of vegetables under way. A greenhouse 20x100 will be commenced within a few days for carnations and other cut flowers, while other houses will be added for plants as needed. His property contains over 100 acres of land and is beautifully located in the Borough of Washington, of about 5,000 inhabitants and is within three minutes' walk of the railroad station and is along the main turnpike which leads to other large towns, where thousands of people pass every day and a trolley line is now being built. Mr. Bryan has named his farm "Bryan's Flower and Truck Garden" and will make it worthy of the name as fast as time will permit him to do so. Mr. Bryan is an active member of the Methodist church where he formerly lived and president of the Epworth League Society and treasurer of the Sunday school. He is only 24 years of age.

CONCORD, PA.

On the night of May 25, the greenhouse establishment of Pennock E. Sharpless was partially destroyed by fire. Seven houses 20x100 were burned, making a loss of about $7,000, partially covered by insurance. Four greenhouses were saved by good work of the men of the neighborhood. It is impossible to say just how the fire started, but the greenhouses were being cleaned out preparatory to replanting and during the day sulphur was burned as a means of destroying insects. It is likely that the burning sulphur set fire to the structures.

THE REVIEW will send its Pronouncing Dictionary on receipt of 25c.

IMPROVED SHASTA DAISY SEED
1000 Seeds, 25 cents.
GIANT MIXED PANSY SEED
1000 Seeds, 25 cents.
William Linfoot, 317 North Vermilion St. **Danville, Ill.**
Mention The Review when you write.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.
Mention The Review when you write.

Something fine for Lawn, Hotel, Piazza decorations.
PHOENIX..... CANARIENSIS
Ask for prices.
Julius Roehrs Co., Rutherford, N. J.
Mention The Review when you write.

60,000 GRAFTED ROSES For Forcing
Extra fine, healthy plants. Free from mildew.
Liberty, Rose pots, $15.00 per 100;
3½-inch pots, $18.00 per 100.
Maids, Brides, Golden Gates, Kaiserin
Rose pots, $10.00 per 100; $ 95.00 per 1000
3½-in. pots, 15.00 per 100; 145.00 per 1000
COLEUS Verschaffeltii, Golden Bedder, Firebrand
2½-inch pots, $2.00 per 100; $18.00 per 1000.
Send for Price List.
J. L. DILLON, Bloomsburg, Pa.
Mention The Review when you write.

GOOD ROSE STOCK
NOT REJECTS OR CULLS.
STRONG, WELL-GROWN PLANTS.
Brides, Maids... per 100, 2½-in., $2.50; 3-in., $4.00
Gates Ivory..... " " 2.50 " 4.00
Meteors, Hermosa " " 3.00 " 5.00
BOSTON FERNS
2¼-in., $3.50; 3-in., $8.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00; 6-in., $40.00 and 7-in., $60.00 per 100. Ready to retail now at a fine profit.
Geraniums, 3-in., $5.00 per 100.
Coleus, beautiful collection, $2.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.
Mention The Review when you write.

Asparagus Plumosus Nanus Plants.
Just as they come from the flats. Grown from our own seed, $1.00 per 100 plants.
— ADDRESS —
B. H. Haverland, Pleasant Run, Ohio.
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Asparagus

	Per 100
4-in. Asparagus Plumosus Nanus	$10.00
Asparagus Plumosus Nanus, seedlings, $12.00 per 1000.	
2-in. Cyclamen, in 5 separate colors	4.00

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**
Mention The Review when you write.

Headquarters for COLEUS
Rooted Cuttings of Golden Bedder and Verschaffeltii, $6.00 per 1000. Rooted Cuttings of Golden Bedder and Verschaffeltii, mixed, $5.00 per 1000. 2¼-inch pots, $15.00 per 1000.
The above are ready now. Cash with order.
J. E. FELTHOUSEN, Schenectady, N. Y.
Mention The Review when you write

Asters—Carlson's white, strong, 50c per 100.
Pansies—Choicest strains, transplanted stock, $3.00 per 1000.
Cabbage—E. J. Wakefield, $2.00 per 1000.
Cabbage—Succession from seed bed, $1.50 per 1000
Tomato—Dwarf Champion, $2.50 per 1000.
Tomato—3000 strong transplanted Beauty, extra fine, $5.00 per 1000; the lot for $12.00.
F. GRISWOLD, Worthington, Ohio.
Mention The Review when you write.

SCARLET SAGE,

From 2-inch pots	$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2.00 "
Vinca Variegata, 2-inch pots	2.00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.
E. I. Rawlings, Quakertown, Pa.
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BEGONIA Gloire de Lorraine
3-inch pots, strong plants, cut back twice, $25.00 per 100. Now ready for delivery.
NEPHROLEPIS PIERSONI
fine plants, 8-in. pots, $15.00 per doz. 10-in. pots, $24.00 per doz.
Pandanus Veitchii
finely colored specimens, $2.50 each, 32 in. high from top of soil.
J. A. PETERSON,
McHenry Ave., WESTWOOD, **CINCINNATI, O.**
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Special Clearing Sale
Of First-Class Stock Only.
10,000 CARNATIONS—Well established in 2¼-inch pots. If planted where they can be reached with the hose occasionally, will make fine stock by planting time. Nelson Fisher, $4.00 per 100; Enchantress, $3.00 per 100, $28.00 per 1000; Boston Market, Mrs. Lawson, $2.50 per 100, $22.00 per 1000.
GERANIUMS—Choice plants from the bench, 12 to 18 inches high; average, 8 to 10 shoots, fine for fall cuttings. Bruant (scarlet), J. Viaud (pink), Mme. Buchner (white), B. Poitevine, Mrs. E. G. Hill (salmon), $6.00 per 100.
SALVIA—Fine plants from 2¼-in. pots. Bonfire, $1.00 per 100, $9.00 per 1000, while they last.
The W. T. Buckley Co., Springfield, Ill.
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PALMS, FERNS and all Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.
Mention The Review when you write.

Miscellaneous Plants.

2¼-INCH STOCK IN A1 CONDITION.

	Per 100	1000
AGERATUM, Stella Gurney, 40c per doz	$2 00	$17 50
ALTERNANTHERAS, yellow and red	2 00	15 00
ALYSSUM, giant double, 40c per doz	2 00	17 50
AQUILEGIA (Columbine) single mixed	3 00	
CARNATIONS, Marguerite	1 50	12 50
COLEUS, good varieties	2 00	15 00
DAHLIA PLANTS, in variety	2 00	
DIGITALIS (Foxglove), fine mixed	1 50	12 50
FICUS ELASTICA.....$2.00 per doz.		
GERANIUMS, Rose, Lemon, Mrs. Taylor and Fernifolia odorata	2 00	
HARDY CHRYSANTHEMUMS		
Small-flowering varieties	2 00	17 50
Large-flowering varieties	3 00	20 00
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
GERANIUMS, in good variety	$2 00	$17 50
Write for list of varieties.		
HARDY PHLOX, named, 8 varieties	3 00	25 00
HELIOTROPE, good varieties	2 00	17 50
LANTANAS, 5 varieties	2 00	17 50
MARANTA MASSANGEANA	4 00	
MOONVINES, white, 50c per doz	3 00	25 00
NYMPHAEA ODORATA, gigantea, 50c per doz	3 50	
PETUNIAS, Dreer's double mixed	2 50	
" Dreer's superb single mixed	2 00	15 00
" fine mixed	1 50	12 50
SAGE, Holt's Mammoth	2 00	15 00
SALVIAS, in variety	2 00	17 50
SMILAX, strong	2 00	15 00
SWAINSONA ALBA and ROSEA	2 00	17 50
VINCAS (Madagascar Periwinkle)	2 00	

Not less than five of any one variety sold. Cash with order, please. Send for trade price list.

R. VINCENT, JR. & SON,

WHITE MARSH, MARYLAND.

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Decoration Day Is Over

Fill your houses with stock that grows into money while you sleep.

Araucaria Excelsa

Just arrived, 3,000 on May 1, per steamer Elonian, and 2,000 on May 30. per steamer Oxonian, of the choicest, grown for me under contract by an **Araucaria Specialist** in Belgium. I must say for the benefit of my customers that never before have they been so nice, large and well-grown for the money as they are this year. I herewith quote you special low prices:

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25 to $1.50 each.
Araucaria Excelsa Glauca. 75c to $1.00 each.
Kentia Forsteriana, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana. 4 years old, 25 to 30 inches high, $1.00 each. (Above is the size entered in the Philadelphia Custom House).
Ficus Elastica, imported, 4-inch, $25.00 per 100, ready June 1.

BEDDING PLANTS.

Heliotropes, blue, 4-in., $6.00 per 100. **Scarlet Sage,** Clara Bedman, 4-in., $7.00 per 100. **Begonia Vernon,** red and pink, 4-in., $7.00 per 100. **Cobaea Scandens.** 4-in., $8.00 per 100.
Coleus, Golden Bedder, Verschaffeltii and Queen Victoria; **Aster** Victoria; Verbenas, Phlox Drummondii and Dwarf Petunias, $3.00 per 100. California Giant Petunias, Scarlet Sage, Begonia Vernon; Ageratum, blue, 3-in. pots, $5.00 per 100.

Don't forget that I am the Moonvine grower of the land. Only **A. W Smith's Hybrid Moonvines,** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2¼-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,
Importer and Wholesale Grower of
POT PLANTS.
1012 Ontario St., PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.

SMILAX

	Per 100
Fine plants, 2¼-inch pots	$1.25
Seedling Petunias, 2½-in. pots	2.50
Pansy Seed, July	oz., $4.00

Cash or C. O. D.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots	$2.00
Sprengeri, 2¼-in. pots	2.00
Primroses, Chinese Obconica and Forbesi July 10	2.00

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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TELEGRAPH

Will be the most popular geranium and leading standard next season. Every florist growing bedding plants or Christmas pot plants should have Telegraph in stock. Its color (brilliant scarlet cerise), large truss, and profuse blooming qualities, make it a desirable Christmas pot plant. Acknowledged the best all-round geranium on the market. Extra strong plants, ready to plant out, $8 per 100, while present stock lasts. Cash with order, please.

THOS. DE VOY & SON, POUGHKEEPSIE, N. Y.

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New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

Mention The Review when you write.

BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in.	$8.00
Heliotrope, 3 and 4-in.	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in.	2.50
Verbena, 2½-in.	2.50
Lobelia, dwarf and tall, 2½-in.	2.25
Alyssum, 2-in.	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in.	5.00
Tomato Plants	per 1000, $8.00

Cash, please.

Converse Greenhouses, Webster, Mass.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3 00 per 1000. Pansies, in bud and bloom, $1.00 per 100; $8.00 per 1000. Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12 00 per 1000; R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100 Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8 00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

PRIMULAS

Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping now, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO.

100,000 Alternantheras

Strong rooted cuttings.

A. Nana, yellow, 50c per 100 or $4.00 per 1000.
A. P. Major, red 50c per 100 or $4.00 per 1000.
Red and **Yellow,** from 2-inch pots, $1.50 per 100.
Special price on 5,000 or more.

Davis Bros., Morrison, Ill.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, fine for border, large 2-in., $2.50 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story. Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.

Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum Stella Gurney, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratum, 2½-in., $2.00; 3-in., $4.00 100.
Geo. A. Kuhl, Pekin, Ill.

Ageratum, 3 varieties, 3-in., $3.50 100. Cash.
Geo. L. Miller Co., Newark, O.

Ageratum, 2½-in., $2.50 100.
S. V. Smith, 63 Goodman St., Phila.

Ageratums, 4-in., $8.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

ALTERNANTHERAS.

Alternantheras, strong rooted cuttings of A. nana, yellow, and P. major, red, 50c 100; $4.00 1000. Red and yellow, from 2-in., $1.50 100. Special price on 5000 or more.
Davis Bros., Morrison, Ill.

50,000 alternantheras, red and yellow, strong, 2½-in., $12.50 per 1000; R. C., $4.00 per 1000.
Ludvig Mosbaek, Onarga, Ill.

Alternanthera brilliantissima, red, 2-in., $3.00 per 100. Satisfaction guaranteed.
Henry Engler, 4651 Lancaster Ave., Phila.

Alternantheras, yellow and red; 2¼-in., $2.00 100; $15.00 1000. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Alternantheras, red and yellow, strong 2-in., $1.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Alternantheras, yellow, 2-in., $1.50 per 100; $14.00 per 1000. C. Winterich, Defiance, Ohio.

Brilliantissima, red; A. nana, yellow; 2-in., $2.00 100. A. J. Baldwin, Newark, O.

Alternantheras, red and yellow, 2½-in., $1.50 per 100. Thos. Salveson, Petersburg, Ill.

ALYSSUM.

Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Alyssum, giant double, in 2½-in. pots, $2.00 per 100. Cash. G. W. Renard, Avondale, Pa.

Alyssum double giant, 2-in., in bud and bloom, $1.50 per 100. J. Sylvester, Oconto, Wis.

Alyssum, very dwarf, good, 3-in., $3.00 100.
S. V. Smith, 63 Goodman St., Phila.

Dwarf sweet alyssum, 2¼-in. pots, $1.50 100.
J. S. Bloom, Riegelsville, Pa.

Alyssum Little Gem, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Sweet alyssum, 2½-in., $2.00 100.
Geo. A. Kuhl, Pekin, Ill.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ANTIRRHINUMS.

Snapdragons, white, pink and yellow, $6.00 100; $50.00 1000.
J. BREITMEYER'S SONS, Detroit, Mich.

AQUATICS.

Nymphaea odorata gigantea, 50c doz., $3.50 100. R. Vincent, Jr., & Son, White Marsh, Md.

ASPARAGUS.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

4000 Asparagus plumosus nanus, in 2-in. pots, $2.50 per 100; 2000 seedlings, $1.50 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, 2 in., $3.50 and $5.00 100; 3-in., $5.00 and $8,00; 4-in., $15.00 100. Sprengeri, 2½-in., $2.50; 3-in., $5.00; 4-in., $10.00 100. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Sprengeri, extra strong, 2-inch, ready to shift or plant on bench, $2.50 100; $20.00 1000. Cash. Sample, 5c.
Dean Ferris, Peekskill, N. Y.

Asparagus plumosus nanus plants just as they come from the flats, grown from our own seeds, $1.00 100.
B. H. Haverland, Pleasant Run, O.

Asparagus plumosus nanus, fine plants, $1.50 per 100; $12.00 per 1000. Sprengeri, $1.00 per 100, July 1st.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Cut fronds of Asparagus plumosus, 6 to 18 inches each, $2.00 per 100. Cash. Sample free.
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Asparagus plumosus, 2¼-in. pots, $2.50 100; 3-in., $5.00 100. Sprengeri, 2¼-in., $2.00 100.
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Asparagus plumosus, 2-in., $2.50 100; 3-in., $4.00 100. Sprengeri, 2-in., $2.50 100.
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Asparagus plumosus nanus, 2½-in., strong, ready for shift, $3.00 100.
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Asparagus plumosus nanus and Sprengeri, 2¼-in., $2.00 100. Cash.
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Asparagus plumosus nanus, 4-in, $10.00 100; seedlings, $12.00 1000.
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ASPARAGUS PLUMOSUS NANUS,
Cut strings, 50 cents each.
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Asters. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose, purple and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
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Asters Comet, Semple's Branching, Daybreak, Mary Semple, Ostrich Plume, Hohenzollern White, Purity, separate colors, ready to set, $3.00 1000; 250 at 1000 rate. Cash.
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Carlson's Queen of the Market and Hohenzollern, from flats, 60c 100, $5.00 1000; from 2¼-in., $1.50 100, $12.50 1000. Extra strong thrifty stock. By express.
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Asters, Carlson's White, strong, 50c 100.
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Asters. Queen of the Earlies, Purity and Branching, all white, 40c per 100; $3.00 per 1000. Cash. Ray H. Palmer, Randolph, N. Y.

Semple's asters, white, pink, purple, lavender, crimson, $3.00 per 1000. Cash.
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Variegated banana (Musa zebrina), well marked plants, $1.75 doz.
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Bay trees for hotels and summer residences; standards and pyramids, $9.00 to $30.00 pair.
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Write for quotations on bay and box trees.
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SURPLUS BEDDING STOCK, in bud and bloom: Ivy geranium, 3-in., $6.00; 4-in., $8.00 100. Mme. Salleroi, 2½-in., $3.00; 3-in., $5.00 100. Ageratum Stella Gurney, 3-in., $3.50 100. Lantanas, 3-in., $6.00 per 100. Heliotropes, 3-in., $6.00; 4-in., $8.00 100. Impatiens Sultani, 3-in., $6.00; 4-in., $8.00 100. Verbenas, 2¼-in., $2.50 100. Phlox, 2¼-in., $2.50 100. Fuchsias, 3-in., $6.00 100. Lobelias, 2¼-in., $2.00 100. Coleus, best varieties, 2¼-in., $2.00 100; 3-in., $4.00 100. Vinca variegata, 2½-in., $2.50 100. German ivy, 2½-in., $2.50 100. Alternantheras, green, red, pink, 2 and 2½-in., $2.50 100. Alternanthera brilliantissima, $3.00 100. Centaurea, Dusty Miller, 2¼-in., $2.00 100. Asters Semple's Improved Victoria, Empress Frederich and Queen of Market, 2½-in., $2.50 100. Cash or C. O. D.
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Choice bedding stock for prompt shipment. Cannas, fine, strong plants, from 3-in. pots—100 Parthenope, 150 Italia, 25 Elliott, 25 Pennsylvania, 50 J. D. Eisele, 75 Mrs. Parmenter, 25 P. Marquant, 25 E. Hoss, 50 Sec. Chambanne, 25 Guillard, 25 Alsace, at $4.00 per 100. 100 salvias, Cretien and Ragenau, 3-in., at $4.00; 100 2-in., at $2.00. 500 Coleus Mrs. Gerard, 200 Golden Bedder, 100 yellow Verschaffeltii, 200 Firebrand, 100 Verschaffeltii, 100 Beckworth Gem, at $1.50. 1000 asters, finest varieties, 2-in. pots, $1.00. Roses, 3-in., extra strong, assorted bedding sorts at $5.00. 500 seedling verbenas at $1.00. 150 red and 150 yellow alternantheras, fine, strong 2½-in. plants, $2.00 per 100. Terms, cash.
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Geraniums, scarlet and pink varieties, the newest and best bedders, 4-in., in bud and bloom, $6.00 per 100. Salvias Bonfire and splendens, strong, transplanted, $2.00 per 100. Sweet alyssum, nice, bushy plants in bloom, $2.00 per 100. Marie Louise violet plants, February and March struck, ready June 15, $15.00 per 1000; orders booked now. Cash with order.
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I have a surplus of coleus, feverfew, dusty millers and verbenas, all in fine condition. Write for prices. J. A. Freeman, 396 No. Lake St., Aurora, Ill.

Bedding plants. We have a full line of bedding plants and stock is in first-class condition. Wittbold Co., 1657 Buckingham Pl., Chicago.

Geraniums, coleus and general bedding stock in large quantities. Write.
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Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonias, 16 finest varieties, 3-in. pots, $5.00 per 100; $1.00 per doz. Ten varieties, 2-in., $2.00 per 100; 40c per doz.
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Begonia Vernon, 4-in., $8.00 100.
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Begonias, 3-in., $8.00; 4-in., $10.00 100.
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Flowering begonias, $2.50 100.
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Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
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Christmas peppers, 2¼-in., $2.00 per 100.
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Bouvardia, 3000 double pink, fine plants, from 2¼-inch pots, $3.00 100. Cash.
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Dwarf box, 3 to 5 in., $25.00 1000; 2 to 4 in., $20.00 1000.
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Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem, a dozen sprays making as fine a showing as a dozen large white carnations and can be used instead of them for decorative purposes. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
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Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

California field-grown freesia bulbs. Per 1000: ¼ to ⅜, $1.25; ⅜ to ½, $2.05; ½ to ⅝, $3.35; mammoth, $6.40. Express prepaid. Rates quoted on orders of 5000 or over.
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Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

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Calla bulbs for August delivery. Paper white narcissus for fall delivery. Send for price list.
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Florists' bulbs, best grade only. Import orders now booked. Write for prices.
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Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

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Cacti in 10 select varieties, $7.00 per 100. Old Man cactus, 4 to 5-in., $20.00 per 100. Carriage paid.
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Caladiums, started, 4-in., $10.00 100. Cash.
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Caladiums, nice plants, from 4-in; 10c.
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Cannas. Burbank, Alemannia, Souv. de Antoine Crozy, Francis Reif, Austria, Duchess of Marlborough, Mme. Louis Druz, Kate Gray, Robt. Christie, 4-in., $1.25 doz.; $10.00 100.
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Cannas. 2000 Pennsylvania, 4-in.; 500 Henderson, 4-in.; 300 yellow, mixed; fine stock for immediate planting, $6.50 per 100, to clean up.
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Cannas, 4-in., 8c to 10c.
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Surplus 600 cannas, Burbank and mixed, strong 3-in., $4.00 per 100.
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Carex japonica variegata, 2¼-in., $2.50 100.
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Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
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The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $12.00 100, $100.00 1000.
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Carnations, 100,000 field-grown plants. We are prepared to book orders now for early shipment. See display adv. for varieties. We guarantee all stock to be in A1 condition.
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Centaurea Dusty Miller, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

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CHRYSANTHEMUMS.

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Strong well-rooted cuttings, true to name. Ben Wells, Mrs. E. Thirkell, Princess, F. S. Vallis, Mrs. T. W. Pockett, Mildred Ware, Nellie Pockett, Black Hawk, Golden Trophy. Helen Bloodgood, Ivory, Pink Ivory, John Shrimpton, Monrovia, Mutual Friend, Mme. F. Perrin, Nagoya, W. H. Lincoln.

Above varieties, $1.50 100; $12.50 1000.

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White Maud Dean	Pink Maud Dean
Golden Beauty	Lady Harriett
$3.00 per 100.	

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Chrysanthemum rooted cuttings from cool grown stock of the following varieties: American Beauty, beautiful dark pink; Dr. Enguehard, $4.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, Robinson, Nellie Pockett, Bonnaffon, Maud Dean, Merry Christmas, $1.50 per 100, $12.50 per 1000. Cash with order, please.
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Glory Pacific,	Perle of Lyonnaise,
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Chrysanthemums, good commercial varieties. Your selection of varieties—rooted cuttings, $1.25 per 100; 2½-in., $3.00 per 100; 3-in., $3.50 per 100. Our selection—rooted cuttings. $1.00 per 100; 2½-in., $2.50 per 100, $20.00 per 1000; 3-in., $3.50 per 100. 250 at 1000 rate. Write for stock list.
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Chrysanthemums. William Duckham, Nellie Pockett, Bonnaffon, Mrs. J. Jones, Willowbrook, Robt. Halliday, Pacific, Estelle, Mrs. H. Robinson, 2¼-in. pots, fine plants, $2.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Chrysanthemums, 2-in. stock of Wm. Duckham, Dr. Enguehard, Ben Wells and Donald McLeod, $3.50 per 100; rooted cuttings from sand, $2.00 per 100.
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Chrysanthemum Bonnaffon from soil, $1.00 per 100. Otto Bourdy, Lowell, Mass.

Chrysanthemums in sand and 2-in. Write
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Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
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Clematis, large-flowering and paniculata. Climbing vines, leading varieties.
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Cobaeas. We have about 500 extra fine plants, bushy, 5 to 6 ft. high, 5-in. pots, $10.00 per 100.
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Cobaea scandens, extra strong plants, $3.00 per 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Cobaea scandens, fine stock from 4-in. pots, from trays, $2.00 per 100. Cash.
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Cobaeas, 4-in., bushy, 18 in. high, nicely tied up, $4.00 per 100.
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Cobaea scandens, 4-in., large, $5.00 per 100.
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Cobaeas, 3-in., $4.00 per 100.
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Rooted cuttings of Golden Bedder and C. Verschaffeltii, $6.00 1000; mixed, $5.00 1000. In pots, 2¼-in., $15.00 1000. Ready now. Cash.
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Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
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Coleus rooted cuttings, 12 best bedders, 60c per 100; $4.00 per 1000; 2-in., 1½c. Cash.
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Coleus in 2-in. pots. G. Bedder and R. Verschaffeltii, $2.00 per 100; $15.00 per 1000.
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Coleus, good varieties, 2¼-in., $2.00 100; $15.00 1000.
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10,000 coleus, standard var., strong, 2¼-in., $15.00 per 1000. Ludvig Mosbaek, Onarga, Ill.

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Coleus, fine assortment; 2½-in., $1.50 per 100.
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Coleus, mixed colors, 2¼-in., $1.50 100.
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Coleus Firebrand, 2½-in., $1.50 per 100.
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Cuphea (cigar plant), 2-in., $2.00 100.
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Cupheas, fine, 2½-in., $2.00 per 100.
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Cycas revoluta, $8.00 per 100 lbs.
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Cyclamen plants. Seed taken from only selected flowers and well-built stock. None better. Once transplanted, $2.00 100, $18.00 1000; twice transplanted, $3.00 100; $25.00 1000.
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Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors, $4.00 per 100; $35.00 per 1000; 2½-in., $5.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

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EAST BRIDGEWATER DAHLIA GARDENS. Send for trade list to the winner of highest honors at World's Fair, St. Louis.
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PELARGONIUMS.

Something new; something nutty; seeding varieties never before offered for sale: standard varieties; the largest and best collection in America. Descriptive price list on application.
J. Gammsge & Sons, London, Canada.

Pelargoniums, our selection of 30 varieties, all in bud and bloom, 3½-in., good as any 4-in., $10.00 per 100; 2½-in., $5.00 per 100.
J. Sylvester, Oconto, Wis.

PENNISETUMS.

Pennisetum Ruppellianum, 2½-in., very strong plants, $4.00 per 100.
Rode Bros., Bowling Green, O.

Pennisetum Ruppellianum, 2½-in., $4.00 per 100. Rhoten Bros. & Co., Box 5, Danville, Ill.

PEONIES.

All stock guaranteed true to name. Send in your orders early to be assured of a good collection for fall planting. Catalogues now ready and will be sent free on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

PETUNIAS.

Petunias, 2¼-in. Dreer's double, mixed, $2.50 100. Dreer's superb single, mixed, $2.00 100, $15.00 1000. Fine, mixed, $1.50 100, $12.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Dbl. fringed petunias, in bloom, 2½-in., $2.00 100; 3-in., $4.00 100. Cash, please. Can ship at once. Krueger Bros., Toledo, O.

Petunias, Howard's Star and California, 3 and 4-in. pots, $3.00 to $5.00 per 100.
J. S. Bloom, Riegelsville, Pa.

Petunias. Dreer's single fringed; blooming, stocky 3-in., $2.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Petunia dbl.; R. C., 10 best 75c per 100; 2-in., 1½c. Byer Bros., Chambersburg, Pa.

Seedling petunias, 2½-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Double white petunias, 3-in., $6.00 100.
S. V. Smith, 63 Goodman St., Phila.

Petunias, 2½-in., $2.50; 3-in., $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Petunias, 4-in. dbl. mixed, 7c.
Otto Bourdy, Lowell, Mass.

Petunias, 4-in., $8.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

PHLOX.

Hardy phlox, named, 8 varieties, $3.00 100; $25.00 1000. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Hardy phlox, finest named, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

Hardy phlox, $2.50 100.
National Plant Co., Dayton, O.

POINSETTIAS.

DOUBLE POINSETTIAS keep longer and brighter than the single. Good plants from 3-in. pots, $1.75 per doz. J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, messuring 22 in. diameter.
Thos. Salveson, Petersburg, Ill.

Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
C. W. Reimers, Hite Ave., Louisville, Ky.

PRIMULAS.

Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready now, $3.00 100.
A. Jablonsky, Wellston, Mo.

Primroses. Chinese obconica and Forbesi, July 10, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

PRIVET.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Carriage paid.
J. A. McDowell, Ap. 167, City of Mexico, Mex.

ROSES.

For immediate removal we offer a limited number of good, clean, healthy rose plants at extremely low prices, as we need the space they occupy.

	100	1000
American Beauty, 3½-inch	$6.00	$50.00
American Beauty, 2-inch	4.00	35.00
American Beauty, bench plants	4.00	35.00
Gen. MacArthur, 3½-inch	8.00	75.00
Uncle John, 3½-inch	3.50	30.00
Uncle John, 2-inch	2.50	20.00
Chatenay, 3½-inch	3.50	30.00
Bride, 3½-inch	3.50	30.00
Bridesmaid, 2-inch	2.50	20.00

J. A. BUDLONG, 37 Randolph St., Chicago.

ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
Richmond	$30.00	$250	La Detroit	$6.00	$50.00
Chatenay	3.00	25	English	25.00	200.00
Godesberg	5.00	40	Uncle John	3.00	25.00
Liberty	5.00	45	Bride	3.00	25.00
Kaiserin	3.00	25	Ivory	3.00	25.00
Bridesmaid	3.00	25	Am. Beauty	5.00	40.00
Perle	3.00	25			

American Beauty, bench plants, $5.00 100; $40.00 1000.
All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

GRAFTED ROSE STOCK.

Bride, Bridesmaid, Kaiserin, Carnot and Liberty, extra large plants, $15.00 per 100; $120.00 per 1000.

OWN ROOT STOCK.

Bride, Maid, Kaiserin, Carnot and Liberty, extra large plants, $4.00 per 100; $35.00 per 1000.
American Beauty, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

Roses.	100	1000		100
Beauties, 2½-in.	$5.00	$45	3½-in.	$7.00
Chatenay, 2½-in.	4.00	30	3½-in.	5.00
Uncle John, 2½-in.	4.50	40	3½-in.	6.00
Bridesmaid, 2½-in.	4.00	35	3½-in.	5.50
Golden Gate, 2½-in.	3.50	30	3½-in.	5.00

Cut back, bench Beauties, $45.00 1000. Meteor, Maid, Bride, Gate, Chatenay, Perle, $2.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Roses. Fine stock from 3-in. pots.

	100	1000		100	1000
Maid	$3.50	$30	Ivory	$3.50	$30
Bride	3.50	30	Chatenay	3.50	30
Golden Gate	3.50	30	Liberty	4.00	35

American Beauty plants from bench, $5.00 100, $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Surplus stock of standard varieties of everblooming bedding roses. Strong, healthy stock from 2½-in. pots, Bride, Bridesmaid, White Maman Cochet, Mary Washington, Queen's Scarlet, etc. Strictly our choice of varieties in good assortment, $2.00 100; $17.00 1000.
Storrs & Harrison Co., Painesville, O.

La Detroit, 2½-in., $8.00 100, $75.00 1000; 3½-in., $12.00 100, $100.00 1000. Gen. MacArthur, 2½-in., $8.00 100, $75.00 1000; from benches, $10.00 100. Papa Gontier, 2½-in., $4.00 100. Mme. Hoste, 2½-in., $4.00 100. Mildred Grant, 2½-in., $10.00 100.
J. BREITMEYER'S SONS, Detroit, Mich.

Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Surplus rose stock, fine, clean and cool-grown. Beauties, 2-in., $4.00; 3-in., $5.50 to $6.00 100. Bride, Maid, Kaiserin and Chatenay, 2-in., $2.50; 3-in., $3.50 100. Ivory, 2-in., $1.50; 3-in., $2.00 100.
United States Cut Flower Co., Elmira, N. Y.

Grafted roses for forcing. Free from mildew. Liberty, rose pots, $15.00 100; 3½-in. pots, $18.00 100. Maid, Bride, Golden Gate, Kaiserin rose pots, $10.00 100. $95.00 1000; 3½-in. pots, $15.00 100, $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

Roses, grafted for delivery now and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Franz Deegen, $15.00 per 100; Killarney, $16.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Roses, propagated from grafted stock. Strong, healthy and well rooted. Extra fancy stock.
Brides, Maids, 3-in., $6.00.
Liberty, 3-in., $8.00.
Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2½-in. pot plants, $2.50 doz., $15.00 100, $125.00 1000.
Dingee & Conard Co., West Grove, Pa.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Roses. American Beauty, 2-in., $5.00 100. Our selection of 2-yr.-old roses, 4-in. pots, 40 varieties, $6.00 100. Our selection, 40 varieties, 2-in. pots, $15.00 1000.
National Plant Co., Dayton, O.

Good rose stock, strong, well-grown plants. Bride, Maid, Gate and Ivory, 2½-in., $2.50; 3-in., $4.00 100. Meteor and Hermosa, 2½-in., $3.00; 3-in., $5.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

American Beauty, 2½-in., $7.00 100. Liberty, 2½-in., $6.00 100. Kaiserin, 2½-in., $4.00; 3-in., $6.00 100. Bride and Maid, 2½-in., $3.50; 3-in., $5.00 100.
Phila. Wholesale Flower Market, Phila., Pa.

Roses, first-class stock, 3½-in. pots, $6.00 per 100. Bride, Bridesmaid, Perle, Meteor, Chatenay, Hoste, Sunset, Sunrise, Golden Gate, Ivory.
P. R. Quinlan & Co., Syracuse, N. Y.

Old Beauty plants, choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 1000.
Bassett & Washburn, Hinsdale, Ill.

Roses. Perles, 3-in., $4.00; Brides and Maids, 2½ and 3-in., $3.00; Golden Gate, 4-in., $4.00, Ivory, 2-in., $3.00, 4-in., $5.00 100.
W. B. Sands, Lake Roland, Balto., Md.

Rose plants. Hybrid perpetuals, hybrid teas, teas, climbers, rambiers, etc.; for prices and varieties see display adv. in this issue.
C. M. Niuffer, Springfield, Ohio.

Roses, 3-in. stock. American Beauties, $6.00 per 100. La Detroit, $8.00 per 100. Chatenay, Perle and Suarise, $5.00 per 100.
C. R. Hills, Grand Rapids, Mich.

Kaiserin rose plants, strong, clean, 4-inch, $8.00 100; 3-inch, $3.50 100. Old plants, Bride and Bridesmaid, $3.00 100.
Mrs. A. M. Schafer, 229 Balmoral Ave., Chicago.

We are growing 500,000 roses and will allow a special discount if orders are given now for next spring delivery.
Elizabeth Nursery Co., Elizabeth, N. J.

American Beauty, clean 3-in. stock, $6.00 per 100, $50.00 per 1000. Meteor, 3-in., $4.00 per 100, $35.00 per 1000.
Krueger Bros., Toledo, Ohio.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices.
John Young, 51 West 28th St., N. Y.

The new rose, WELLESLEY, own root plants, $25.00 100.
Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

Roses. Bride, Bridesmaid and Golden Gate, extra strong stock out of 3-in. pots, $4.00 100; $35.00 1000. John C. Hatcher, Amsterdam, N. Y.

Good, clean stock, 3-inch; 5000 Bride, 5000 Bridesmaid, 1200 Kaiserin. Write for prices.
F. & H. Mergenthaler, Germantown, Phila, Pa.

We have a limited supply of extra fine plants of Chatenay, Uncle John, and Perle. Write us.
J. M. Gasser Co., Cleveland, O.

MacArthur rose plants, grafted. 300 fine healthy plants from 4-in. pots, $12.00 per 100.
A. C. Canfield, Springfield, Ill.

Brides and Maids, fine 2½-in. stock, ready for 3-in., $25.00 1000; 3-in., $30.00 1000.
Heller Bros., New Castle, Ind.

Roses. Strong home-grown plants. H. P.'s and Ramblers. For fall of 1905.
Jackson & Perkins Co., Newark, New York.

"Rosy" prices on 2½-in. H. P., T., H. T. and Baby Rambler.
Leedle Co., Springfield, O.

Roses, list of good standard varieties, $3.00 100; $25.00 1000.
Burdell Floral Co., Bowling Green, Ky.

400 Meteor rose plants, 2½-in. rose pots, $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Roses. For varieties and prices see display adv.
Geo. A. Kuhl, Pekin, Ill.

RUBBERS.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz.
Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

SALVIAS.

A1 Salvia splendens, 2-in., at $1.50 per 100; $15.00 per 1000. Owing to recent fire must have cash. S. W. Carey, North End Florist, Urbana, O.

Salvias splendens and Bonfire, extra strong, 2, 3 and 4-in., $1.25, $2.00 and $3.00 per 100; $10.00, $15.00 and $25.00 1000.
Wm. S. Herzog, Morris Plains, N. J.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens, in bloom, 2½-in., $2.00 100; 3½-in., $4.00 100. Cash, please. Can ship at once.
Krueger Bros., Toledo, O.

Salvia splendens, 500 plants, in fine condition; 3½-in. and 4-in. pots, $3.50 100.
T. H. Keefe, Madison, N. J.

Salvia Bonfire, fine plants from 2¼-in. pots, $1.00 100; $9.00 1000.
W. T. Buckley Co., Springfield, Ill.

Splendens, 2½-in., $2.00; 4-in., $3.00 per 100.
Leedle Co., Expert Rose Growers, Springfield, O.

Salvia splendens, strong, 4-in. pots, $4.00 per 100.
A. Dinkel, Brazil, Ind.

Salvia splendens, 4-in. pots, $4.00 per 100.
The Stover Floral Co., Grandville, Mich.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, 3-in., $5.00 per 100. Cash.
John H. Trentmann, Delphos, Ohio.

Salvia splendens, 2¼-inch, $2.00 100; from flats, $1.00 100. Cash.
H. Weston, Hempstead, N. Y.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvia Silverspot, 2-in., 1½c. Cash.
Byer Bros., Chambersburg, Pa.

Salvia Bonfire, 3-in., $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

1000 2-in. salvias, $2.00 per 100.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, 2½-in., $2.00 100.
Geo. A. Kuhl, Pekin, Ill.

Salvias, 3-in., $6.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Salvias, $2.00 100.
National Plant Co., Dayton, O.

SEEDS.

Asparagus plumosus nanus, 99% germination. 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.
Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000. Cineraria nana maxima, giant-flowered, in separate colors, pkt. 500 seeds; pure white Boulede Neige, azure blue, dazzling crimson, 50c; new sort, old rose color, magnificent, 100 seeds, 25c; all colors, mixed, 25c, 5 pkts., $1.00. C. grandiflora max., pkt., 25c; 5 pkts., $1.10. Best German, winter-flowering, ten weeks stocks, pkt., 25c.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

England's prize strains of cineraria and Chinese primrose. English prize dwarf, mixed; half dwarf, and James' giant strain, ½ trade packet, 60c; trade packet, $1.00. Primula Sinensis (Chinese fringed primrose). English prize fringed, mixed, 100 seeds, 20c; 500 seeds, $1.00; 1000 seeds, $1.75. Obconica grandiflora, mixed, trade packet, 30c. Stellata (star primula), trade packet, 50c. Forbesi (Baby primrose), 40c trade packet.
Johnson & Stokes, 217-219 Market St., Phila.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Cineraria, finest large flowering, dwarf, mixed. 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1000; per whole case of 5000 seeds, $15.00.
ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1000, 5000 for $12.00, 10,000 for $20.00. Germination guaranteed.
Clucas & Boddington Co., 131 West 23d St., New York City.

Primula, fringed Chinese, Alba magnifica, Chiswick Red, blue, Kermesina splendens, striped or mixed, ½ trade packet, 60c; trade packet, $1.00. Cineraria, gold medal mixture, tall or dwarf, ½ trade packet, 60c; trade packet, $1.00.
Henry Philipps Seed Co., Toledo, O.

Asparagus plumosus nanus seed, lath-house grown, $1.75 per 1000. Smilax seed, $1.25 lb. Canna seed, mixed, Crozy's, $1.00 lb. Crop of 1905. Cash with order. E. Fleur, Oak Grove Nurseries, 406 N. Los Angeles St., Los Angeles, Cal.

Genuine Bermuda onion seed grown and exported by us. Write for prices at once. Orders accepted only from wholesalers and the best of references required.
Wildpret Bros., Port-Orotava, Teneriffe, Canary Islands.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
J. C. Schmidt Co., Bristol, Pa.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Asparagus plumosus nanus seed, local grown, this season's crop, lots of 5000 or more, $2.00 1000.
S. Feast & Sons, 331 N. Charles St., Baltimore.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Asparagus plumosus nanus seed just ripening. Send for free sample, J. F. Allen, 611 W. Central Ave., Orlando, Fla.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c.
Wm. Linfoot, N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Reliable seeds. For list of varieties and prices see display adv.
O. V. Zangen, Hoboken, N. J.

Lawn grass seed in bulk and packages. Special price to dealers.
The Albert Dickinson Co., Chicago.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for the florist. Catalogue free.
W. W. Rawson & Co., Boston, Mass.

FLOWER SEEDS FOR LATE FLOWERS. For varieties and prices see display adv.
H. F. Michell Co., 1018 Market St., Phila.

A few thousand Ampelopsis Veitchii seed, $1.00 per lb. H. Steinmetz, Raleigh, N. C.

Pansy seed ready in July, $4.00 oz.
Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

Smilax from seed bed, 25c per 100, $2.00 per 1000. Postage paid.
Harvey B. Snow, Camden, New York.

SMILAX, strong, clean, 2½-in., good as 3-in., $2.00 per 100.
John Beimford, Wilton Junction, Iowa.

Smilax, nice, bushy plants, 2¼-in., $1.50 100, $12.50 1000. C. R. Hills, Grand Rapids, Mich.

Smilax, fine plants, 2¼-in., $1.25 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., $2.00 100. Cash.
Geo. L. Miller Co., Newark, O.

Smilax, 2¼-in., $2.00 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, 2½-in., 40c per doz., $2.00 per 100.
Harmon & Henderson, Iola, Kan.

2000 stevia cuttings, 75c per 100.
Faber Bros., Kankakee, Ill.

STOKESIAS.

Stokesia cyanea, 2-in., $2.00 100.
National Plant Co., Dayton, O.

SURPLUS STOCK.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Bailer, Bloomington, Ill.

SWAINSONAS.

Swainsona, white, 4-in. pots, $8.00 100.
S. V. Smith, 63 Goodman St., Phila.

UMBRELLA PLANTS.

Umbrella plants, 2¼-in., $2.50 100; $15.00 1000.
N. Smith & Son, Adrian, Mich.

VEGETABLE PLANTS.

TOMATOES—Earliana, Chalk's Early Jewell, Dwarf Stone, Dwarf Champion, etc., 30c per 100, $2.00 per 1000. Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000. Ready for transplanting.
CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.
BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.
PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Millions of celery, cabbage, sweet potato, tomato and all other plants. See my display adv. in this issue.
Ludvig Mosbaek, Onarga, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

VEGETABLE PLANTS—Continued.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

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Early cabbage plants, stocky, twice transplanted, ready for setting, $2.50 per 1000; $2.00 per 1000 on orders for 5000 or over. All sizes of tomato plants. Write for price list of other vegetable and pansy plants, all the standard varieties. Sample plants mailed.

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Egg plants, 2¼-in., $2.00 100.

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PRACTICAL VALUE OF RESEARCH.

In these days of abundant horticultural literature, every intelligent gardener profits by the knowledge of others, and recognizes his indebtedness to the specialists who dip beneath the surface, to some extent, and do much to improve the plants which constitute their special study. Outside this, however, there is another great body of specialists with which, as a rule, he has not the same sympathy, and whose literature, it must be admitted, is as often as not a sealed book, owing to its technical and purely scientific character. If we are privileged to go behind the scenes, as it were, of our botanical and experimental laboratories we see students and professors busy with microscopes on what seems to us most unpromising material, stored in glass bottles, etc., all around them; or, it may be, making recondite experiments with chemicals, electrical batteries, thermometers, and so on, the relation of which to practical gardening strikes us as extremely remote.

None the less, it is upon the knowledge thus gained that a vast deal of our practical knowledge is based. The microscopist may be busy studying the life history of some of our minute plant foes, those insidious fungoid ones which pervade and undermine their tissues, or, on the other hand, that of those beneficent bacilli which we are now beginning to learn, thanks entirely to such investigators, play a vital role in the soil as plant builders. The chemist may be studying the composition of the plants, and gaining thereby knowledge of what it is they extract from the soil as they grow, and, therefore, what should be supplied as they are removed therefrom as crops.

The intermediate state between this class of minute research and practical horticulture we see in our experimental farms, where the chemists' discoveries are utilized on a large scale, with the result that in lieu of old-fashioned, haphazard procedure, often on very wasteful lines, the market gardener, agriculturist, and even the amateur are enabled to supply the needs of their plants to the most beneficial and economical effect. Could we but trace the origins of the majority of the sources of our progress in these directions, we should find it to be in these laboratory operations, pursued day after day and year after year on systematic, scientific lines, following up the clues to the cause, and so eliminating mere guesswork, and putting practical work on a rational basis. The great primary cause will probably ever remain far beyond man's reach, but applied science has enabled us to extend our ordinary faculties of observation to such a wonderful extent that we are constantly discovering more and more of the secrets of the mystical world of vitality of which we ourselves form a part, and, by virtue of these discoveries, we are ever better enabled to hold our own in that struggle for existence common to all created beings. All this we owe entirely to systematic research of the class we have in view, and the subsequent intelligent application of its results to practical ends.—Gardeners' Magazine.

VARIATION IN ASPARAGUS.

"There has been a good deal of controversy concerning Asparagus plumosus nanus," says a writer in the Horticultural Advertiser. "In one of the earliest batches of seedling plants that I handled I found some variations. Generally the seedlings under good culture form strong crowns, and each succeeding growth will be stronger and attain to a greater length; but some plants form more tufted crowns, and may be divided. These if worked on (that is kept for divisions) and potted in a light peaty compost or any ordinary soil that is not too rich, will retain the dwarf habit; and practically maintain the true character of nanus, which is not applicable to most of the stock sold as such. I may add, that there is a great difference in regard to seeding. I have known the same plants to give a good crop of seed successively year after year, while others under similar conditions have failed as regularly. It is not always that when a plant flowers profusely that seed is produced. A slight irregularity in temperature, etc., may cause the whole of the flowers to drop off."

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ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held at its rooms in Orange on June 2. The occasion was made a special ladies' night and to the usual floral display was added this pleasant social feature. The evening was varied by a musical and dramatic entertainment and light refreshments. Photographs of the exhibits receiving the highest marks for the last five months covered one side of the room.

The exhibits for the evening consisted of orchid plants in flower from the collections of Henry Graves, grown by Edwin Thomas, and William Barr, grown by Arthur Bodwell. A collection of cut orchid blooms came from Julius Roehrs. Two vases of Papaver orientalis were shown by Peter Duff. Gloxinias in variety and palms were shown by D. Kindsgrab. A vase of mixed aquilegias in light tints, and other hardy flowers came from William Read. Peonies were brought by A. Caparn, and papaver and iris by Max Schneider. Arthur Bodwell's Nicotiana Sanderæ were the first which have been shown in this vicinity and a white of the same variety, one out of forty plants raised, is the first so far mentioned. The judges were Joseph A. Manda, Arthur Caparn and James Goodyear. J. B. D.

AURORA, ILL.—The Aurora Greenhouse Co. supplied 5,000 bedding plants to the new street railway park at Plainfield, Ill.

MT. CARMEL, ILL.—Geo. S. Clarke has sold the business known as the Mt. Carmel Floral Co. to M. L. Tilton, one of the wealthiest men of this place, who proposes to at once enlarge the range by the addition of three good-sized houses, which will make it one of the largest greenhouse plants in the southern part of the state. W. A. Hoffstodt is in charge.

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Specimen plants $1.25 and $1.50 each.

These plants are especially suited for planting in vases, boxes, etc., as ornaments for lawns and porches.

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Caladiums, started, 4-inch	10.00
Lantanas, 8 varieties 2½-inch	2.00
Lantanas, Trailing, 2½-inch	2.50
Smilax, 2-inch	2.00
Fuchsias, Mrs. E. G. Hill and Trailing Queen, 2-inch	2.00
Rose Geraniums, fine 3-inch	4.00
Ageratum, 8 varieties, 3-inch	3.50
Vinca vines, 2 varieties	2.00
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Petunias	2.50	5 00	
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Fuchsia	3.50	5.00	8.00
Lobelia	2.00		
Marguerites	2.50		
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Plumosus, 2-in	$3.50 to 5.00	5.00 to 8.00	15.00
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Spotted Begonia, out 4-in. pots	7.00
Periwinkle, variegated, out 4-in pots	7.00
Swainsona, white, out 4-in. pots	8.00
Double White Petunia, out 3-in. pots	6.00
Alyssum, very dwarf, good, out 3 in. pots	3.00
Ageratum, out 2½-in. pots	2.50
Parlor Ivy, out 2½-in. pots	2.50
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Ivy Geranium, 3-in., $6.00; 4-in., $8.00 per 100.
Ageratum Stella Gurney, 3-in., $3 50 per 100.
Lantana, 3-in., $6.00 per 100.
Heliotrope, 3-in., $6 00; 4 in., $8 00 per 100.
Impatiens Sultani, 3-in., $6 00; 4-in., $8.00 per 100.
Verbena, 2¼-in., $2.50 per 100.
Phlox, 2¼-inch, $2 50 per 100.
Fuchsia, 3-in., $6.00 per 100.
Lobelia, 2¼-in., $2.00 per 100.
Coleus, best varieties, 2¼-in., $2; 3-in., $4 per 100.
Vinca Variegata, 2½-in., $2.50 per 100.
German Ivy, 2½-in., $2.50 per 100.
Alternanthera, green, red, pink, 2 and 2½-in., $2.50 per 100.
Alternanthera Brilliantissima, $3.00 per 100.
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MILWAUKEE.

The Market.

Memorial day trade was a "corker," to use the shortest expression. It was away ahead of any holiday in the past year and excelled last year's business for the same day. Everything was sold out clean and prices were satisfactory all around. The call for carnations was unprecedented and if demand governed the prices, these went the limit. Roses, cape jasmine, valley and lilies were plentiful enough to meet all requirements.

Owing to unfavorable weather during the early part of the month, the outlook for unloading all the bedding stock was poor, as there is a lot of it grown in this market, but the call took a brace during the latter part of the month and nearly everybody cleaned out. Geraniums sold well and the call for hardy shrubs has increased considerably.

Various Notes.

The Exposition building, where the convention of the S. A. F. was held in 1903, was totally destroyed by fire last Sunday evening.

The Florists' Club gave an entertainment to members and ladies Tuesday evening. C. B. Whitnall gave a stereopticon lecture on California. Refreshments and a dance followed. A most enjoyable evening was spent. INCOG.

COLUMBUS, O.—The Livingston Seed Co. reports that the business in the plant and cut flower department surpassed all previous records for Decoration day.

TOLEDO, O.—A wagon in which Bert Ostertag was making a delivery May 29, was struck by a street car. Mr. Ostertag was thrown to the pavement and his hands and face severely cut.

CRESTON, IA.—Eric Joneson had the order for bedding at McKinley park but cannot make the beds stay planted. He has complained to the police that the stock is stolen as fast as set out.

MATTOON, ILL.—The peonies have done exceptionally well in this vicinity this season, the quality of the blooms marketed having never been better. J. W. Schrader shipped a fine lot to Chicago.

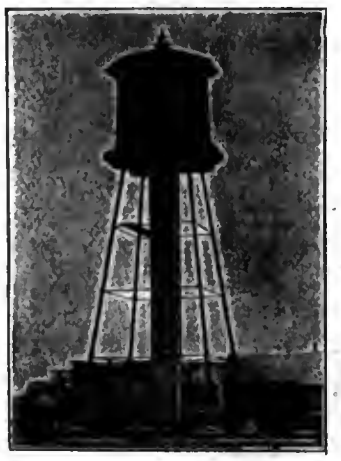
CARTHAGE, MO.—On May 31, heavy hail played havoc with the glass at the greenhouses of Perry Finn and B. W. Speece. Mr. Finn's loss will not be far from $1,000 but it would have been greater had he glazed the new houses being built to replace the ones burned last winter. The glass for the purpose was on the ground in the boxes.

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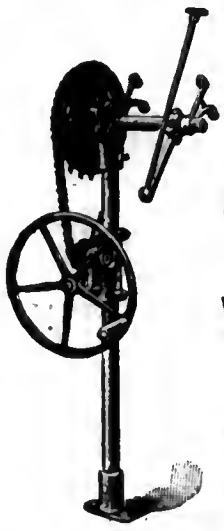
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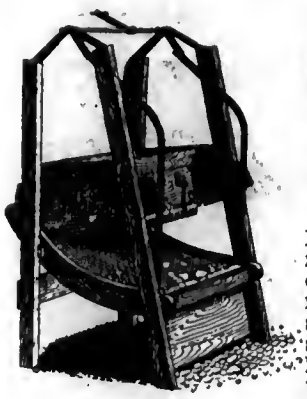
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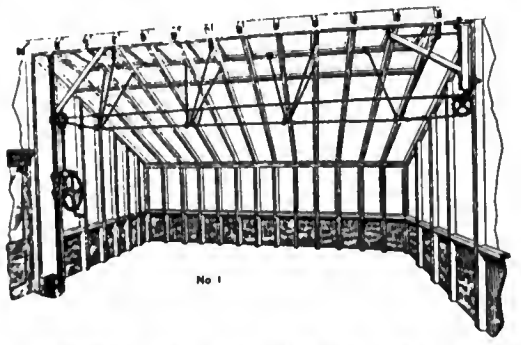
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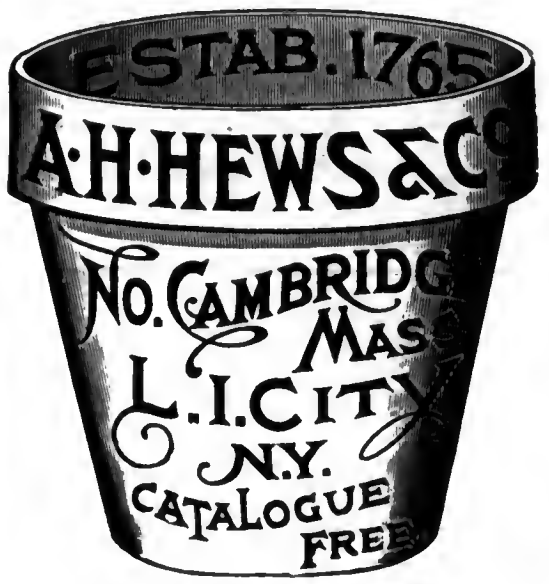
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THE REVIEW is certainly the paper of all papers for florists.—SHAS. PFEIFFER, Sedalia, Mo.

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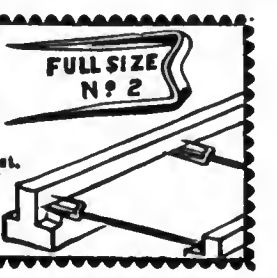
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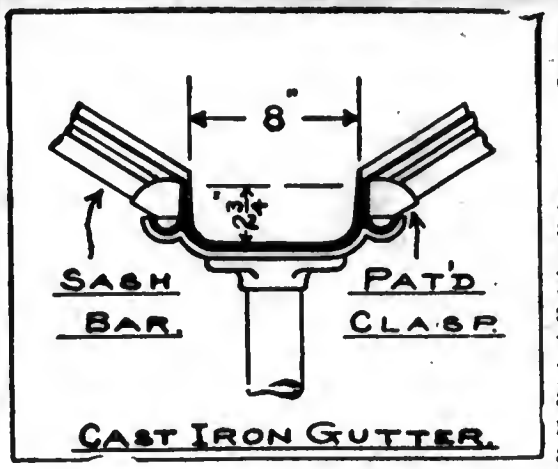
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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, JUNE 15, 1905. No. 394.

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1928 GERMANTOWN AVENUE,

Send for our beautiful catalogue. Philadelphia.

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Look up Our Classified advs. of Orchids, Ferns and Seeds in this issue.
H. H. Berger & Co., 47 Barclay St., New York.

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VIOLET GROWING.

BY B. T. GALLOWAY.

How to Start the Business.

The question of the location of a violet establishment is governed by so many local conditions that it is difficult to offer any specific suggestions in regard to this matter. Other things being equal, it is always desirable, of course, to be within easy reach of the local market. Telephone and trolley connections are highly important, for the reason that it is frequently necessary during the busy season to make extra pickings and extra shipments, which can only be done where all modern conveniences are available. Anywhere within fifteen to twenty miles of a town, there may be found good locations for such work. Many of the largest violet establishments are located right in the towns, and as a matter of fact four-fifths of all the violets sold in this country today are probably grown on what may be called city lots.

Land Required.

One-half to three-quarters of an acre will suffice for an establishment, capable of growing anywhere from 15,000 to 20,000 plants. This is about all one man can handle with such help as would be required from time to time, especially in the picking season. In fact, a quarter of an acre of ground properly handled will afford a good business. In such cases, however, the soil used will necessarily have to be purchased. Where sufficient ground can be obtained without too much expense to afford means of handling one's own soil, it is always an advantage. If the violet is to be grown in connection with other crops it is never desirable to mix the plants in the house with others. Difficulties will be encountered in the matter of fumigation and temperatures which will prevent the production of the best stock.

The Use of Frames.

The violet may be grown in either houses or frames. Frames are now practically abandoned in all sections except the southern portions of the country, where the winters are mild. Even there it undoubtedly would be much better to grow the violets in houses, as they are much more easily controlled and the plants are at all times easily accessible. When violets are grown in frames it often happens during the winter that several days must elapse before the frames can be opened. This, of course, is a serious drawback where one has business interests in the city or town which must receive attention. It may happen at just such periods that extra demands will come for flowers, and if these cannot be met the trade will be lost or seriously injured.

Aside from these facts, which are vital, are those concerned with the comfort of the grower himself, who must necessarily be exposed to all sorts of weather if the crop is grown in frames. Suitable houses are now so cheaply constructed and easily handled that only under very special circumstances should frames be used.

Number of Plants for Start.

For the florist who already has a general business and who has a fair general trade with plants and flowers, the question of a start in violet culture must be considered from a number of standpoints. If the desire is simply to use the violet as an additional crop, probably 2,000 plants would be a fair number to begin with. Any number less than this would not give sufficient flowers to enable the grower to make the best trade arrangements, either if he handles them himself or sells them to some one else. In other words, like all other crops it is important to be able to have a constant supply. If the supply is spasmodic, good prices can not be secured, as the grower must necessarily take what the market offers. If the grower can develop a trade that will take about all that he can grow from 2,000 plants, he will find that such trade is more or less constant and he will find, furthermore, that, being always able to supply good stock at the proper time, he can get better prices.

For one who is desirous of starting in the business without any other crops, 5,000 plants would be better to begin with. From 5,000 to 6,000 plants will occupy pretty fully the time of one man, and properly handled should yield fair returns.

The location decided upon, a decision made as to the kind of business one intends to develop, and the number of plants one intends to grow, the first essential, of course, is the securing of stock.

How to Secure Stock.

It is highly important that the grower begin with good stock. Every year from February to the middle of summer the advertisers in the REVIEW offer violet stock for sale. Rooted runners are offered all the way from $5 to $10 per thousand. Our preference has always been for good, strong, sand-rooted runners, which should be ready to take from the bench by the middle of March. In many cases the growers wait until after the main Easter picking is over and then advertise stock for sale. This stock is for the most part divided crowns, which are not as good as sand-rooted runners put in earlier. It is better to pay $10 per thousand for good sand-rooted runners than $5 for indifferent divided crowns.

The stock secured, it may be either potted off into 2-inch pots and placed in cold frames, where plenty of air and water can be given, or in flats. Our preference has always been for flats, for the reason that the plants do not seem to dry out so readily, and make a better root growth. We use flats fifteen inches wide, two feet long and two and one-half inches deep, and put about seventy-five to 100 plants to the flat. Plants will stand in these flats until planting time, the middle or last of April. The young stock will have to be watched carefully, and in addition to keeping them well watered, care should be exercised in the matter of syringing for the purpose of keeping off red spider. A thorough syringing once a day will prevent this pest, taking care to do this work always early in the morning, so that the plants will dry off before night.

(To be Continued.)



Violet Cuttings, Properly Rooted.
(Ready for setting in flats or 2-inch pots.)

ECHEVERIAS.

I intend growing some echeverias for next spring and would like to know the best way to get a start. Can they be propagated and if so would it be best to get plants now and propagate in fall? Which are the best kinds to grow?

W. A. S.

With the exception of the variety E. secunda glauca the echeverias are not so generally grown as they were ten years ago, but for the florist the above kind is indispensable for carpet bedding. The taller growing sorts are increased by cuttings. Metallica makes a fine plant for the conservatory or the center of a carpet bed and retusa is a pretty flowering plant for early winter. They should be lifted before severe frost. After flowering the tops should be cut off and the old plants kept in a warm, dry place, when small growths will start from the stems. These, when large enough, can be removed and put into flats of dry sand and when they have made a few roots potted into 2-inch or 2½-inch pots.

The low growing, stemless species, such as secunda glauca, Californica, Peacockii, rosea and others, if planted out make a number of shoots, little miniature plants, often called hen and chickens, and in lifting in the fall these are removed and planted in shallow flats of sandy soil and placed in some cool, dry house. Very little if any water is needed during winter and avoid any drip on the plants.

In lifting them in October it is well to sort them into different sizes, placing

the old plants in one flat and the next size in another flat and so on. This is economy of space. We noticed this spring that our park department wintered many thousands of secunda glauca in deep cold frames, protected with mats. They received no water at all during winter and came through in fine shape.

To get up a stock of these bedding echeverias buy what strong plants you can and plant out at once. You will get a lot of shoots in the fall and, if desirous of getting up a large stock, you can propagate by the leaves. Lift the plants in October and box in dry, sandy soil. A month or two later carefully twist the leaves from the stems, a few from each. There is a latent bud at the axle of the leaf and if that is not removed with the leaf you will get no plant. Put two inches of sand in a 4-inch pot and place the leaves around the edge of the pot, each with the base only deep enough to keep it upright. Give no water until the roots appear. When the little plants are formed and large enough to handle, place them in flats of sandy soil and be careful not to over-water. These little plants can be kept warmer during winter than the larger and older plants, because you want them to increase in size, while with the older bedding size you only want to keep them dormant.

W. S.



ROSES

IMPORTANCE OF VENTILATION.

Now that firing has practically to be abandoned and we are liable to have many sudden fluctuations of temperatures, accompanied by cold rains, great care should be taken that mildew does not get a foothold among the young stock, as the effect of a dose of this pest on newly planted stock is very debilitating and difficult to get rid of without causing injury to the plants.

As a preventive there is nothing to equal a plentiful supply of fresh air judiciously administered, and if the art of ventilation is properly understood and carefully attended to, there will be less need of sulphur or any of the other mixtures recommended for this purpose.

To derive the full benefit from ventilation it must be carefully studied, taking all the attending conditions into consideration and avoiding at all times a sudden raising or lowering of temperature, both of which are very injurious at this season, as the foliage is of such rapid growth and development that it must of necessity be very soft and susceptible to injury.

Above all, pay particular attention to night ventilation, as many crops which are otherwise well handled are simply ruined by carelessness or ignorance in this respect.

During the summer there should always be from four to six inches of ventilation during the night (unless when wind or rain compels shutting down) even if it requires some firing to keep up the temperature, and it will pay to have a man in charge who thoroughly understands this and has energy enough to apply it. During the day ventilation is not so liable to be neglected, but even then care and judgment are required to carry it out judiciously.

During the early hours, when cutting is being attended to, the temperature is liable to take a run up. This should be guarded against, as any abnormal heat during the early part of the day, when the plants have just emerged from their rest, has the effect of softening growth, bud and foliage, and if this is continued morning after morning, as I have frequently observed it, the most careful treatment during the rest of the day will not overcome the injury done and this sort of treatment will be certain to bring its troubles when cold weather commences and firing has again to be resorted to.

In order to guard against accidents it is advisable, however, to use the sulphur blower at least once a week and have the sulphur paint put on the pipes on every occasion when there is need of a fire. Then by shutting down for half an hour or so, even though the temperature runs up to 100 degrees, the liberated fumes will kill any germs that may have got a start.

By careful and persistent use of these methods the danger from mildew will be in a great measure restricted, and, as all growers know what a troublesome pest it is, especially during the summer months, every sort of precaution should be adopted to suppress it.

Ribes.

ROSE RUST.

Enclosed please find foliage which was cut from an outdoor rose bush. There is a scale or bug on it and we would like to know what this scale or bug is, and a remedy for it.

R. L.

After a careful examination I fail to detect any scale or bug on the specimen sent, but find that it is thickly infested with rose rust (Phragenedium subcorticum) in the aecidia form. This fungus very rarely attacks indoor roses, but in some districts is very prevalent on hardy hybrids. It also infests wild roses and these are often the cause of infection.

This form of the fungus usually appears late in spring or early summer and is distinguished by forming orange yellow powdery spots on the young twigs, leaves and leaf stalks. These spots become darker in color and larger as the summer advances and at this stage the mycelium, by feeding on the inner tissues of the plant, causes malformation of the shoots and leaves.

The best remedy is to cut off all affected leaves and twigs and burn them. In early spring, and before the buds expand, the plants should be thoroughly washed with a solution of copper in water. For immediate use try Bordeaux mixture and syringe thoroughly.

Ribes.

THE RETAIL FLORIST.....

A WORD FOR DOROTHY PERKINS

Dorothy Perkins, the light pink Rambler, the craft generally seems to have been rather slow about taking up as a forcing rose. I have used it as an Easter pot plant five seasons with uniformly satisfactory results. I have always found it a very good seller and much more satisfactory in every way than the Crimson Rambler, as much smaller plants may be had to bloom well in small pots, which makes it much more useful in many ways.

Always having had a high opinion of it as a cut flower for decorative purposes, last fall I benched a number of plants in an old pit or lean-to, where they have been grown with very little artificial heat. That bench has been simply glorious. It furnished a tremendous lot of splendid flowers and we have cut from this bench in quantity for thirty days, commencing May 5, and we have a few hundred clusters still left.

The value of this rose for decorative purposes lies first in its exquisite color, a clear shell pink, which is good at all times and in all lights. A secondary consideration is its gracefulness and lightness, which makes it very easy to arrange and put up in almost any place. Third, you never need be afraid of its shedding its flowers, which the Crimson Rambler does.

We have used it for most varied purposes. The most beautiful bridesmaids' bouquets I ever saw, the most exquisite wreaths for funeral purposes, or the most elaborate table decorations were made of it. It can be used in garland fashion for windows, etc., always with the most satisfactory results.



A Vase of Dorothy Perkins Rose Arranged by August S. Swanson, St. Paul.

I would like to add that its extreme hardiness makes it a splendid rose for outdoors in this latitude, where very few roses will survive the winter. I have given it the most severe test, having left it in pots on top of the ground and it came out sound to the very tips. It is a rose always clean, no mildew or spider, the foliage standing out green and glossy until very late in the fall.

AUG. S. SWANSON.

STEAMER SAILINGS.

The business of delivering flowers on board outgoing steamers on orders from friends of people en route to Europe has assumed large proportions, but it is capable of still further increase. Here are the principal sailings from New York for the rest of June:

Date.	Steamer.	Destination.
June 17	St. Louis	Southampton.
June 17	Lucania	Liverpool.
June 17	Vaderland	Antwerp.
June 21	Baltic	Liverpool.
June 21	Rotterdam	Rotterdam.
June 21	Helig Olav	Copenhagen.
June 22	La Bretagne	Havre.
June 22	Deutschland	Hamburg.
June 24	Etruria	Liverpool.
June 24	Patricia	Hamburg.
June 24	Philadelphia	Southampton.
June 24	Kroonland	Antwerp.
June 27	Kronprinz Wilhelm	Bremen.
June 28	Teutonic	Liverpool.
June 28	Potsdam	Rotterdam.
June 29	La Lorraine	Havre.
June 29	Prinzess Alice	Bremen.
June 29	Hamburg	Hamburg.
June 30	Celtic	Liverpool.

THE COAL TRADE.

The coal trade has improved slightly. The Black Diamond says of the market: "For the first time in a number of months there is a slightly better feeling in the western soft coal trade. Demand is more active and according to the reports of operating and shipping interests there is a slightly larger tonnage moving. For fear that this slight improvement may be exaggerated and be given more prominence than it deserves it may be well to add that prices have shown no appreciable advance, but that the altered tone of market conditions is largely confined to a heavier movement and a better condition as to inquiries."

THE FRENCH EXHIBITION.

In the closing week of May the Societe Nationale d'Horticulture de France held an international exhibition at Paris, accounts of which are just coming to hand. It is quite evident that a new mark was set for European flower shows, both for extent and quality of exhibits. So far as exhibits went, however, the affair was more international in name than in fact, for there were few things shown from outside of France. But the French growers were out in force and made a splendid show, one English observer writing home that the display by the great firm of Vilmorin-Audrieux & Co. was a complete horticultural exhibition in itself. A large number of gold and other medals were awarded to the large number of exhibitors.

But what most impressed the American visitors was the arrangement of the exhibits and the general effect of the whole ensemble. In this respect the show is said to have been superior to the best seen on this side of the Atlantic. The building was decorated to fine effect and the plants were arranged on slopes, mounds, and undulations of various degrees, rather than on dead levels or monotonous tables. Every group of plants, whether in flower or not, was disposed in a position where it could be seen to the best advantage; thus most of them were below the eye-level, many being on the surface of the ground as a flower bed. Moreover, the pots were hidden from view wherever possible, not by the crowding of plants together for the purpose, but by the plunging. The whole indicated that the managers had had advance information of the exact extent and character of every exhibit, something it has been found impossible to get in the case of our American shows.

OUR LONDON LETTER.

Pink and white seem to be the prevailing colors this season. At a fashionable dinner party pink pelargoniums were the feature of the dinner table decorations. Pink roses for ball room decorations are quite the thing. In bedding out this year I find pink and white take the lead, and white zonal pelargoniums are more in demand.

The highly colored varieties of Acer palmatum or polymorphum are now among the most popular subjects we have, and are used extensively for various decorative purposes, and the demand has been further increased since Japanese gardens have been made a feature. It seems likely that this form of gardening is destined to take the place of the subtropical gardens which were so highly

esteemed a few years ago. I find many in the trade are alive to the fact that the acers will be wanted in the future.

All summer bedding plants are going out freely and there is also a good demand for the better flowering plants in pots. There is certainly a better all around business being done this season. Supplies, however, are quite equal to all demands. Verbena Miss Willmott is now coming from a good many growers. It is surprising how well this sells, for though one of the prettiest pink flowers we have, it does not last well. Lilium Harrisii, though good, have been going out at low prices.

I find the American galax leaves are still procurable, and as most English hardy foliage is yet rather soft, these leaves are found very serviceable.

Taking the appearance of the market all around, growers should be doing fairly well this season, but there must still be a considerable difference in things now and what they were some years ago.

I find that for ball decorations, etc., Crimson Ramblers, Dorothy Perkins, and others of the same type are used extensively for hall and staircase decorations, also for forming archways. The long Ramblers can also be used effectively for hanging down from landings or high windows, and these naturally grown long trails of bloom are more effective than made-up long trails, and also last so much better. The trained bushes of these roses are also most effective for corners or any position where larger plants can be used.

Floral offerings were an important feature among the tributes sent to Marlborough House, on May 26, for the Princess of Wales' birthday. From America came a case of roses, American Beauty, which were packed in ice, and after crossing the Atlantic came out fresh.

MISCELLANEOUS SEASONABLE HINTS.

Sweet Alyssum.

Put in a few hundred cuttings of sweet alyssum now and they make the right kind of plants to place along the edge of a carnation bench in September. It is a most useful little flower and I never noticed that a few plants along the edge of a bench or bed did the slightest harm to the main crop, only don't overdo it. A plant every three feet is enough. They root readily now if kept watered and shaded.

Begonias.

Besides the wonderful Gloire de Lorraine there are others of this numerous genus worth growing as winter plants. Among the best are B. incarnata, and particularly its wonderful improvement, B. incarnata Sandersi. The plants we saw of this splendid variety last winter were a mass of bloom from Christmas until our late Easter. This begonia was not named for the well known Mr. Sanders, of England and Belgium, but originated in New England with another Mr. Sanders, a private gardener of that advanced horticultural section, and as it reached this city under the name of Sandersi, it is doubtless known in other parts under that name. It is a beauty, whatever name it bears, although it should, like other shrubby begonias, be propagated in early spring. It can yet be rooted in the sand if kept only moderately moist and in not too dense a shade. Too heavy a shade is the curse of all classes of begonias, except, perhaps, the Rex type. All the shrubby begonias root well now and this incarnata type makes fine cuttings just now.

Gloxinias.

These beautiful summer flowering plants deserve careful treatment. There are few plants so satisfactory for a living room as the gloxinia. The dry atmosphere seems to suit them. A heavily shaded greenhouse and the careless use of the hose will soon bring on the rust. They need only light shade from the bright sun. The best we ever grew we put into a cold frame about this time, raised the sash back and front a few inches and shaded only when the sun was powerful and watered carefully, never wetting their foliage on a dull day, but they can be managed all right on a greenhouse bench with moderate shade and carefully watered. This is a plant that cannot be splashed over with the hose, as you do a bench of cannas.

Lily of the Valley.

It is a nice thing to have some lily of the valley on your place throughout the summer and you can have shipped 1,000 pips or so weekly or semi-weekly from some cold storage specialist and then flower them and save considerable, for I consider the expense of flowering them during summer next to nothing. Put the roots in boxes in five inches of sand, or in five or six inches of sand on a bench. Let the glass over them be shaded and the house kept cool and, what is particular, do not let a draught like that from an open door be playing on them or they will wilt. It should be unnecessary to say that you should not wet the opening bells but give plenty of water at the roots.

Pelargoniums.

Most of the show and fancy pelargoniums will soon be out of flower and now is the time they make a vigorous growth, making the cuttings you want for propagating in August and September. Some growers plant the old plants outdoors, and you will get a free growth and lots of cuttings by so doing, but I like the more mature cuttings that you get from plants kept in pots under glass, and the old plants, if you wish to grow them another year, are easier to manage. Keep them growing now in a light house, with plenty of water and when their growth is made give less water until you cut them down for propagating.

Lilium Speciosum.

The time will soon be here when you expect cold storage bulbs. The longiflorum lilies will be gone and then we are very glad of these beautiful and sweet lancifolium lilies, album and roseum. They are most valued in August and September. We should endeavor now to keep them cool and shady and never let them suffer for want of water. Fine beds of these are seen growing in the open ground, but the flowers are not of the same purity as those grown under glass. Shade, abundant ventilation and careful watering are the present conditions. We say careful, because lilies when actively growing like an abundance of water, but few plants are more quickly ruined than those lilies with water standing round their roots. Water should pass quickly away. A well drained bed is the first essential for their cultivation outdoors.

Pruning.

In the spring I attempted to point out some shrubs that should be pruned while dormant and others that, if pruned at all, it is better to cut back after flowering. The early shrubs that flowered on last year's growth are mostly out of bloom and can now be shortened back. The African tamarix is one and needs a far severer pruning than most any of our flowering shrubs. Its long, slender shoots that were covered with little pink flowers should now be cut down to within a foot of the ground. I hope it has been done before this. The lilac and the viburnum and the early spiræas, also Pyrus Japonica, are all the better if their faded flowers are cut away. They will make all the stronger growths to bear blossoms for another year. I am aware this is rather late advice for some things, and for some latitudes for all, but better done now than make the mistake of pruning them next winter, when you prune hydrangeas, althaeas, etc.

Painting.

Some months ago a gentleman in Canada wrote an article on butted glass, and in his opinion all were fools who did not adopt that method. Then a week or so later some one from our side of the Niagara condemned butted glass so sweepingly that he went quite as far the other way and made evident that if he ever tried the butted method, he knew nothing of how it should be done. Both, in my opinion, went too far. The majority of American growers still adhere to the old method of lapping their glass, but there are dozens of establishments in Canada, and some very large ones, that would not dream of doing anything but butting their glass, and this after twenty years' experience with it. And they grow as fine roses as can be found anywhere, so there you are.

There is one advantage in the butted system: Every two or three years you can, without sacrifice of glass and without a great expense of labor, remove the glass and give your house a thorough painting. Whether you do this or not, a painting every few years is of great benefit and successful growers know this. Not that cypress bars will rot if ever so dirty, for our experience with cypress put up sixteen years ago is that there is no rot about it. Light is what we are after and a scrubbing of the woodwork and then a good coat of white paint makes a new house. The short period we have between our bedding plants and chrysanthemums, or between the throwing out of carnations or roses and re-



Gold Medal Exhibit of Clarke Bros., Portland, Ore., at the Lewis & Clark Exposition.

planting, gives us no rest at this time of the year and, where painting is needed, it should be done without delay. A newly painted house will be a joy to you every time you enter it, and death on the bugs. WILLIAM SCOTT.

Vegetable Forcing.

WILL some one give the reason why the growing of head lettuce under glass has never been successful in the Chicago district?

TOMATOES UNDER GLASS.

BY GEORGE E. STONE, Amherst, Mass.

Temperature and Moisture.

Tomatoes require about the same temperature as cucumbers, namely, 60 to 65 degrees at night and 80 degrees or more during the day. During cloudy weather lower temperatures should be maintained than during bright days. Too much moisture should not be maintained in the house, as this encourages mildew. In fact, the most effective remedy for mildew is to hold the moisture down. The soil should be well supplied with water. There is not the same danger from overwatering tomatoes as there is in cucumbers. The latter crop often have their roots rotted off by excessive watering during cloudy weather.

Pollination.

During the winter and spring months it is necessary to pollinate the plants. This is done either by directly pollinating them with a camels-hair brush, a wooden ladle or spoon, or by shaking or jarring the plants. The latter method succeeds in pollinating about 50 or 60 per cent of the blossoms. By the use of the ladle or camels-hair brush, pollinating ought to be done quite successfully if practiced every day or two. In case jarring is practiced, it should be done when the air in the house is dry, since pollination is not so certain when the air is full of moisture. Even with the somewhat tedious process of pollination by hand, one-sided fruit is likely to develop occasionally from imperfect fertilization.

Chemical Fertilizers.

Tomatoes respond to chemical fertilizers more readily than some other greenhouse crops. A considerable number of experiments have been recorded by our experiment stations relating to the effects of fertilizers on tomatoes, both with greenhouse and outdoor crops. When the soil contains a certain amount of phosphoric acid and potash, such as is likely to occur in well prepared loam, one early application of nitrate of soda should prove sufficient and be all that is desirable. Nitrogen appears to be the ruling element in tomato fertilizers. The Connecticut station produces a good crop in coal ashes with 6.40 pounds nitrate of soda, one pound of bone black, 2.40 pounds muriate of potash per 100 square feet of bench surface. This formula might be applied to advantage in growing tomato plants, but in good loam the two latter constituents could be omitted.

Time to Manure Crop.

From a considerable amount of data available it would appear that it requires about 150 days from the time of seeding to mature fruit of tomato plants. About one half this time, or seventy-five days, is required to develop the plants to sufficient size for transplanting.

Yield of Tomatoes.

The average yield in our northern climate should be from eight to twelve pounds, or more, fruit per plant. A certain number of these will have to be discarded on account of inferior size and rot. In order to make a profit from a winter or spring crop of tomatoes the fruit ought not to be sold for less than 20 to 30 cents per pound; 40 to 60 cents per pound are prices frequently obtained, however.

Considering the length of time required to mature tomatoes, their liability to disease and the price usually obtained for the product, we consider cucumbers superior to tomatoes, and lettuce better than either, from the point of view of financial returns. Much, however, depends upon the market and prices obtained for these crops. At least three crops of lettuce can be grown to one of either tomatoes or cucumbers. Moreover, a lettuce crop practically covers every square foot of ground surface of a house. Three crops of lettuce at 50 cents per dozen would give a yield of 27 cents a square foot of ground surface. To utilize a house to the best advantage for these three crops the following estimate may be taken. These estimates are based on a house eighteen feet wide, and the returns per linear foot would be as follows:

Tomatoes at 25 cents a lb., 6 lbs per plant	$4.50
Cucumbers, 5 doz. per plant, $1.25 per doz.	6.25
Lettuce at 50 cents a dozen heads	8.91

It should be added, however, that these figures should not be taken too seriously, as many conditions enter here to modify these estimates, but on the whole the majority of experienced men would consider lettuce and cucumbers as giving better financial returns than tomatoes. It should be noted, however, in connection

with this that it does not require so much coal to heat a lettuce house as it does a cucumber or tomato house.

Diseases of Tomatoes.

Among the diseases affecting the tomato are the following:

Blossom end rot.—Three species of fungi and at least one species of bacteria are associated with the blossom end rot, but the most common greenhouse rot is caused, according to our observations, by bacteria. This comes on the green fruit when five-eighths or three-fourths of an inch in diameter. It probably affects the fruit at the base of the style, at which place there is likely to be seen more or less cracking of the cuticle, thus probably furnishing a suitable point for infection. Some observers have intimated that lack of water in the soil is responsible for blossom end rot and others have been led to believe that manuring has something to do with it. No satisfactory remedy can be offered at present for this trouble.

Mildew (Cladosporium).—This occurs on the under side of leaves as a mildew-like growth causing more or less of a yellow appearance to the upper surface. It can be completely controlled by keeping the moisture in the house at a low limit.

Timber rot.—This occurs occasionally on the stem of the tomato above the ground, but is not a serious trouble and should it become so, it can be controlled by changing the soil or sterilizing.

Eel worms.—These occur frequently on tomato roots. They can be eliminated by changing the soil or by freezing or sterilizing.

Leaf blight (Cylindrosporium).—This produces a spotting of the lower leaves similar to that occurring on the lower leaves of the chrysanthemum. As we have met the disease, it is not a serious one. The best means of preventing it is not to plant too closely in the rows, thus allowing the light and air from ventilation to reach the foliage.

VEGETABLE MARKETS.

Chicago, June 14.—Cucumbers, 35c to 60c doz.; leaf lettuce, 15c to 25c case; head lettuce, 90c to $1 tub.

New York, June 12.—Cauliflower, 75c to $1 doz.; cucumbers, $2 to $3 case; lettuce, 50c to $1 bbl.; mushrooms, 10c to 50c lb.

cannot dispose of, you will do well to discard and begin to get it ready for the next planting. Take out the soil and if the bed or bench needs repairing, do it now; when you are in the thick of the planting you will have little time to do a good job of building benches. If no repairing is needed clean off the boards, then whitewash and refill with the new soil. Never empty a bench and let the sun beat down on it any length of time.

Clean up the house all over, get out the weeds along the paths and under the benches and throw slaked lime around where the ground seems sour or moldy. If you can empty the house of all plants it will pay you to burn a pan of sulphur in it to kill all manner of insects that hang around in the corners and cracks.

This is also a good time for repainting if there is any to be done. Patching the roof where glass has been broken out we usually leave until fall, when there is less need for all possible ventilation. However, if there is a broken pane that lets the water pour in on a bed you would better repair it. A hard rain soon after transplanting may do much damage. In short, this is no time to idle, but it is the time for whatever odd jobs need doing this season.

A. F. J. Baur.

AMERICAN CARNATION SOCIETY.

The next annual meeting of the American Carnation Society will be held at Horticultural Hall, Boston, January 24 and 25, 1906. These dates have been reserved for us and at this early date there are indications of an unusual interest being taken in this meeting and exhibition.

The preliminary premium list will be issued early in July and will be mailed to all members and any others who may apply. There will be some special features that will be of interest to all carnation growers. Special premiums and inquiries should be addressed to the secretary, Lancaster, Pa.

Albert M. Herr, Sec'y.

CARNATIONS

CARNATION NOTES.—WEST.

Seasonable Reminders.

During the next three or four weeks, up to transplanting time, the carnation grower is able to get a short breathing spell. There is no great change to be made during this time that calls for an unusual amount of hustling and you are able to take your time for what needs to be done. It is a good thing that we do not have to hustle all the year around as we do during planting-out time and housing time, else I fear the ranks of the carnation growers would rapidly become depleted.

During this breathing spell, however, you must not go to sleep altogether, nor can you close up shop and run off to the sea shore. There are many little and in themselves insignificant things which can be done during these next few weeks which will help out a great deal later on in pushing the transplanting and the general fall work. The plants in the field must be looked after, too, cultivating and topping. Both of these topics I have touched on repeatedly and I merely want to say now that neither can hardly be overdone. Whenever you don't know what to do, cultivate your carnations, then look over them and top what need it, and then cultivate again. But don't water plants that are to be transplanted.

In the houses you may have some beds that are still bearing pretty well and the demand for good blooms will keep up a few weeks more. Keep them well watered and keep a good shade over them, especially the pink and light pink ones. Enchantress is still giving fine blooms, but it requires a heavy shade to prevent bleaching.

Those beds that are through for the season should be pulled up and thrown out to save watering.

Of course these things depend largely on what kind of a business you do. Those who do a local retail business can use up quantities of blooms, in design work, etc., that the wholesale grower could not possibly dispose of at any figure. So you will have to modify these suggestions to suit your case.

Any bed, the flowers from which you

CHRYSANTHEMUMS

PLANTING FOR MARKET STOCK.

It is high time for the commercial grower to be planting his stock, if it is not already done, and now that bedding trade is practically over, there is not much excuse for delay. Planting has been mentioned before in these notes, when speaking of exhibition growing, and the difference between planting for exhibition or cut flowers only is nil so far as soil and other conditions are concerned and it is needless to go again into detail.

There is a difference, of course, in the distance apart that the commercial grower sets out his plants as compared with the other fellow, and this distance apart governs very largely the quality of the product. For a first-class grade, the kind that wholesales for from 25 cents upward, nine inches by six is plenty close enough to set out for single stem plants. A little smaller grade can be produced by running two stems to a plant in this space, while other growers who look for quantity much more than quality take up three stems or more in this same space.

Those growers who propose to wholesale their flowers in a large market will find that it will not pay them to produce this latter grade. Every year by November 1 there is more or less of a glut in the chrysanthemum market and then it is always the poor grades that are slaughtered. The florist who needs a lot of cheap flowers for funeral designs or such work may, perhaps, find it to his

advantage to produce a large quantity of small flowers, but even he, I often think, might improve his grade with advantage to himself, financially and otherwise.

When plants are too crowded in a bench leaf spot and other diseases are a natural consequence, and perfect stem, foliage and flowers are, under such conditions, impossible.

After planting, open all doors and ventilators and leave them so night and day. If one goes into a house in the early morning and sees how the plants are reveling in the cool, moist night air it will be a good object lesson on the needs of the plant.

On hot days the paths and roofs and plants should be copiously sprayed several times during the day. This can easily be done without wetting the soil in the benches if the right man has hold of the hose, and it will keep down the temperature very considerably. We should always remember that growing chrysanthemums indoors is an unnatural condition, since they are naturally a cool growing plant, and the blazing sun is not to their liking, and anything we can do to keep down the temperature is good for the plants. Side or bottom ventilation is a great help in this respect, since it keeps a current of air moving under the benches.

Shade has been tried on the glass, but it does more harm than good, since we must have a certain amount of sunlight to keep the growth hardy and firm. During a dull spell the growth gets too soft and tender for best results. From my own experience I would say never shade a chrysanthemum house during the summer months. CHARLES H. TOTTY.

THE SEAL OF ILLINOIS.

The accompanying illustration is from a photograph of a design made by A. Gude & Bro., Washington, D. C., to be placed on the tomb of John A. Logan on Memorial day. It is the seal of the state of Illinois executed in cape flowers, immortelles and leucothoe leaves. As is easily seen, the piece is on an easel. It was a large size and probably attracted more public attention than any other display piece of the many supplied by Washington florists for the tombs of celebrities which are annually decorated at Memorial day.

PLYMOUTH, O.—Fannie E. Case reports the largest spring trade in the eight years she has been in business. The call for bedding stock was phenomenal.

FERGUS FALLS, MINN.—S. N. Mehlin's greenhouse was hit by hail just ten days after he joined the Hail Association. He lost 886 square feet of glass and promptly received $92.23, which, as he says, "is a fine thing for a beginner."

GREENPORT, N. Y.—I. Merwin Rayner is adding 5,000 feet of glass to his plant, made necessary by the increasing demand. R. M. Randel, formerly of Cheboygan, Mich., is now with Mr. Rayner. Stock is fine, particularly carnations and sweet peas.

NEWBURYPORT, MASS.—J. A. Keniston says that the spring business has been better than ever, especially at Memorial day, for everyone sold all the flowers which were to be had. Perennial plants have sold splendidly and roses better than ever before. Shrubbery was slow sale.



The Seal of Illinois.

WINDOW BOXES.

[A report by a committee appointed to investigate this phase of gardening for the Hartford Florists' Club.]

Window box, vase and veranda gardening it would seem at present is within the threshold of a successful era in this country, and it seems strange that this effective and comparatively inexpensive method of beautifying houses, especially in cities, has not been long ago more universally adopted and advanced, considering the long standing of this art of gardening in European cities, which are annually visited by thousands of American tourists. True, our climate here is not as favorable to such gardening as it is in London, for instance, where window boxes are in evidence the year around, receiving from three to four different fillings as the seasons call for the different varieties of plants. But cutting out the winter season, which with us is too severe to admit the use of such plants as aucubas, euonymus and choice conifers as they are so effectively used in England, there is no reason why our windows should not be adorned with beautiful foliage and flowers in almost inexhaustible variety from the time when the crocuses and tulips break the ground, when pansies, forget-me-nots and daisies respond to the warmth of the welcome spring sun, to the time when Jack Frost, the unmerciful, bereaves our fields, parks and gardens of the endless combinations of bright colors produced by plant life.

Influence of Parks.

It may truly be said of most of our attractive cities that the creation and development of park systems all over the country has had a very far-reaching beneficial influence upon the beautifying of home grounds through the residential districts of these cities, and it is quite natural that it should be so. Indeed, it would be a strange, unresponsive, cold people that would not take its lesson so easily learned and within the reach of all; and the very fact that those lessons given have been so fruitful, bringing additional happiness and attractiveness to so many homes, should lead us on to further efforts to extend the cultivation of flowers at all seasons of the year at the homes of all.

The fact that the wind will blow the seeds of grass, of a shrub or even of a

tree into the smallest crevice of a stone pavement, a stone wall or any almost inconceivable space, often too small to be noticed by the superficial eye, and that said seed will germinate and produce a plant which will live its term, should teach us that there is hardly a space or location which will refuse all conditions necessary to plant life, but that, on the contrary, with the help of painstaking care, adverse conditions can be overcome and plant life can be introduced and maintained everywhere where barrenness otherwise rules supreme.

Gardening in Heart of City.

We see now here and there well filled window boxes and vases on porches and verandas along residential streets, on houses, the front yards and often the back yards of which are already in themselves beautiful and attractive, and they are certainly becoming to the houses which they adorn, as tasteful and handsome as the architectural appearance and the surroundings of those residences may already be. Now if those floral ornamentations are well placed here and help to still more enhance the beauty of the already beautiful, how much more valuable must the same methods of beautifying and making more homelike the homes of all be in those parts of a city where there are no attractive front yards, lawns, flower beds, shrubbery and trees, where there are the barren, formal brick walls, or where even the elaborate creations of modern architecture are unable to overcome the monotonous and tiresome impression which prevails in all the business and tenement streets of our cities.

In other words, there is a way open and it should be taken advantage of to bring the gardening which we admire so much in the outer districts to all parts of the city, through our business streets, to the homes of our less fortunate fellow citizens, the homes of those of our fellow beings who have to live in the crowded tenement districts.

We have spoken of the influence that parks have in any city on the public in general. Now let us consider what the influence will be by the introduction of window, porch and roof gardening into the busy, monotonous life of a city. Imagine window and veranda boxes loaded with foliage and flowers on our school houses, municipal and business buildings and residences, vines growing over windows and hanging down over window sills and balustrades. What a beautiful sight, worthy of a beautiful, progressive city. Imagine window boxes in all their glory of spring and summer flowering plants, not only screening the unsightliness of rows of tenement windows, but giving them from the in and outside the cheerful, cozy appearance, which plant life alone can produce. Imagine the pleasure and joy of those under whose painstaking care the seeds are germinating to a seedling, the seedling to a full grown plant, the plant producing the flowers; and imagine the pleasure those flowers give to all and the feelings and sentiments they will in their turn germinate and bring into life among those people who in the pursuance of their daily hard labor are not so fortunate as to know of the pleasures of those who have their gardens and yards.

Benefits to Accrue.

Imagine the good seed that will be sown into the hearts of the children of those crowded tenement districts, a seed that is bound to take root; for the soil in all human hearts is more or less alike and it depends upon the cultivation whether the seed entrusted to said soil will grow to be a useful plant.

Everything that can be done to create healthy, joyful life for the human race should be advanced through continued and united efforts of all citizens of a community.

We horticulturists, florists and gardeners, following a time-honored profession, should look upon our calling not only from a pecuniary commercial point of view, but we should take pride in the well proven fact that our accomplishments and our labors of progress in our noble profession, are bringing more universal and wholesome enjoyment to the human race in general than almost any other profession and we should do everything within our power to further the good work which is within our reach.

The cultivation of taste, understanding and love for plants and flowers mean the advancement of the people to a full appreciation of our achievements, and with said appreciation will come the commercial remuneration, which we are deserving by following such principles.

How to Go to Work.

The methods of bringing those desirable conditions about are surely not as difficult as they may appear to be. In fact, we believe that the florists are mostly to blame that window box, vase and veranda gardening is not further advanced than it is today. We believe that if the commercial florists would have completed window boxes for sale from the least expensive up to the most elaborate, there would be a ready sale for them within a very few years. We believe that if the professional organizations all over the country would publish through the public press, articles giving plain instructions and descriptions how to proceed in this and other lines of horticultural and floricultural advancement, a general awakening to those desirable improvements would soon show itself to the benefit of the community in general, and the business interests of the florists in the end.

Wishing to practice what we want to teach, the following plain instructions and information for the people who may wish to make a trial in window, porch and roof gardening, may be of use:

Size and Cost of Box.

Window boxes are easily constructed and can be made at a small expense. Taking ordinary spruce or pine boards for the construction, the box should be made the length of the window's width, six to eight inches wide and as deep. A box three and a half feet long would therefore take about twelve feet of lumber, which would cost about 35 cents. The cost of labor, nails, and two coats of paint should not be more than that much again, and the result would be a very plain but well constructed, durable box at a cost of 70 cents. The box should have six ¾-inch holes in the bottom, which should be covered with broken pots, stones or something that will prevent the falling out of the soil, but still provide drainage. It will take about one bushel of good composted soil to fill the box, which could be delivered by any florist for 50 cents. The soil should be rich, composed in the main of rotted turf mixed with well decomposed cow manure, leaf-mold and a little sand. Now the box is ready for planting.

Filling With Bulbs.

Suppose the box was already on hand in the fall, it could be planted, say, in December with tulips, hyacinths and crocuses, planting the bulbs about three inches deep and keeping the box in a cool room or cellar with a fairly good light. Where the proper locality is not available, however, it will be rather difficult to obtain good results, as the bulbs are apt to grow too quick, stretching toward the light and coming into bloom before they could be safely put outdoors. The box could, however, be placed at the inside of the window and you would have your bulb display indoors. As the bulbs will not require too much watering, it could be given without damage to floors or furniture; besides a tin or zinc box outside of the wooden box would take care of that.

A box of the size described above would take fifteen tulips for the back row, ten hyacinths for the middle row and about fifty crocuses for the front and side rows, and the total cost of good bulbs would be from $1 to $1.50. Daffodils, jonquils, snowdrops, etc., could, of course, be grown in such boxes.

A Second Filling.

After the bulb display is over the bulbs can be taken up and pansies, forget-me-nots and daisies can be planted. A good effect would be to have the forget-me-nots in the back toward the window, the pansies in front of them and a border of daisies in same position in which we had the crocuses; ten forget-me-nots, fourteen pansies and twenty daisies will fill the box nicely and they should not cost more than $1 for the lot.

Filling for Summer.

By about June 1 it is time to establish the summer planting and for that purpose we have an almost inexhaustible variety of plants, and effects are obtainable by a proper selection to suit all tastes.

The following planting lists for window boxes may be of use:

1. Cost of plants for one box, $2.25; two Pennisetum Ruppelianum, three heliotropes, two calendulas, four sweet alyssums, four geraniums, two Cobæa scandens, two maurandias, two Centaurea gymnocarpa and two fuchsias.

2. Cost of plants for one box, $3: One Dracæna indivisa, six geraniums, four petunias, four Vinca major variegata, four German ivy, two fuchsias, two coleus, two verbenas, six Begonia Vernon, two marguerites, two nasturtiums and two lobelias.

3. Cost of plants for one box, $5: Two Phœnix Canariensis, four crotons, two geraniums, two fuchsias, four Abutilon Savitzii, six fancy begonias, four Vinca major variegata, four German ivy and two Abutilon ecleps.

Other plants besides those mentioned in these three planting lists are: Salvias, ageratums, hydrangeas, achyranthes, mignonette, dwarf cannas, gladioli, tuberoses, zinnias, marigolds, stocks, etc. The same plants are, of course, also suitable for vases, baskets and tubs. This means well filled boxes giving immediate effect. Planting thinner means of course a saving and a good complete effect later in the season.

Less Costly Boxes.

The boxes herein described are such as would naturally require the planting material to be furnished by the gardener or florist, and as plain as they are con-

structed and as reasonable as are the prices considering the class of planting material used, they are above the means of the poorer classes of people living in the crowded tenement districts. Just as well, however, as boxes can be made more elaborate both in construction and in planting for people of larger means, so can also much cheaper boxes be made and planted, bringing them within the means of even the very poor. Where there is a will there is a way. The man and woman proud of their home can nail a box together of almost any kind of lumber, fill it with loam from a garden or the fields and fill same with annuals by planting seeds. Not counting the cost of self-provided labor, such a box can be made and filled with soil for 25 cents or less and the seed itself will be still less expensive.

Such seed boxes can be sown outdoors, beginning the first week in April, and the following seeds can be used: Petunias, nasturtiums, zinnias; Phlox Drummondii, balsams, portulaca, scabiosa, marigolds, morning glory, asters, candytuft, coxcombs, godetias, poppies, snapdragons, violas, etc.

Each seed package gives information as to height of plant, color of flowers, time of blooming and instructions for sowing, so that it will be an easy matter for anyone to form proper combinations of plants. A box can be planted with one showy variety alone or with a combination of suitable varieties, and the cost of seeds for one box of one variety will be five cents and for five varieties twenty-five cents, but the five packages in the latter case will furnish enough seeds for five boxes. Therefore window gardening is within the reach of all.

A Word to the Trade.

To our brother florists and gardeners, especially the commercial men, we would earnestly make the following recommendations:

First: Keep up to the times by growing and introducing such plants as are well adapted for such work, giving due recognition to all deserving varieties and novelties.

Second:—Encourage this line of gardening by having some window boxes tastefully planted on exhibition in front of your stores, ready for sale.

Third:—Set the price for those plants at as low a basis as possible, so as to bring them within the reach of all.

Combined efforts along those lines will, we believe, result in a general adoption of window gardening, will bring happiness to numberless homes, and help to beautify our city in no small degree and all will be to the ultimate benefit and satisfaction of the florists' business.

The whole respectfully submitted.

THEODORE WIRTH,
PETER A. ZUGER,
CARL PETERSON,
JOSEPH F. COOMBS,
FRANK ROULIER.

YORKVILLE, N. Y.—Geo. H. Benedict has done a large business in pansy plants this season. One of his customers bought 6,000 plants to give away as souvenirs at a store opening.

WATERLOO, IA.—H. D. Williams has sold his interest in the greenhouses and business of Williams & Crittenden to Harry Daniels. The firm name is now Crittenden & Daniels.



Peony M. Barral.

AMERICAN PEONY SOCIETY.

There is every prospect that the second annual exhibition of the American Peony Society, to be held in Chicago this week, will be a most successful affair. The extremely warm weather during the first week of June hastened the blooming period very materially, and it was necessary that a large part of the stock which will be on exhibition be placed in cold storage for from one to two weeks. Large quantities of stock were shipped from eastern growers and placed in cold storage in Chicago between June 6 and 9. There is, of course, more or less loss in handling stock in this manner, but such large quantities are in sight that a good showing can hardly fail to result, adding to the cold storage stock such late blooming varieties and such exhibits as are coming from northern growers where the blooming period is just at hand. In fact at Chicago the height of the peony season is just passing.

The number of entries has been very gratifying to the officers of the society, and their judgment in holding the exhibition at Chicago has already been demonstrated to have been good. There will be many more exhibitors than last year at New York and a much wider territory will be represented. It was a distinct disadvantage, particularly to western growers, to be compelled to have their entries in the hands of the secretary at Newton Highlands, Mass., on June 10. They could only make their best guesses as to what they would have in exhibition shape a week later.

The exhibition will be open to the public by ticket, the cards of admission being distributed through the retail florists. The first lot of tickets issued read that the exhibition is to be held June 17 and 18. This was an error. The dates are June 16 and 17.

WESTERN PEONIES.

And now we have the glorious peonies, which, in all the west and northwest, lead all the other flowers. Roses are tender and very disappointing, but the peonies are hardy. I found them at their best in Manitoba, sixty fine blooms on a single clump. You can always depend on them. Here they are massed, 30,000 in one field, 20,000 in another. A little way off the flowers seem blended into a carpet of dazzling beauty fit for the touch of angels' feet. There the deep crimson and the glistening red. Some are of purest white, some are white and yellow. How well they stood the changes of our peculiar spring!

A close inspection shows why many peonies do not bloom. They were nipped in the bud by the severe late frosts. That is the trouble with the tree peony, which seldom blooms in the west. The frosts do the mischief.

I have had Richardson's, Terry's and Rosenfield's new sorts growing side by side with Kelway's and they beat them almost every time. I have had Agnes Mary Kelway for years and it has no comparison with Terry's Cynthia or Sada Evans and many others. We have picked them off and compared them often. Rosenfield never sent out one which was such a puny one as I got from England for $5 a root.

As an all-round peony it is hard to beat Golden Harvest. It will bloom on the least provocation. It has a large, fragrant, beautiful flower. It is wonderfully prolific as a bloomer. It glories in tribulation. Nothing can discourage it. When eighteen inches high

it was once frozen solid in a sleet storm for forty-eight hours. It looked tired and droopy for a day or two and then went on covering itself completely with glorious blooms. I never knew it to fail under any circumstances. Floral Treasure is also fine.

An English firm sent out Bunch of Perfume for $2 to $3 per root. It holds no comparison for beauty or grandeur with Terry's Gen. Grant or his Bertha. As for beauty and fragrance it cannot stand a moment by a new one I have secured called Red Jacket, which is exceedingly fragrant and symmetrical and deep red or crimson. I have imported a good many and will stop it. In most cases we can do better at home.

Many of the Japanese, of which I have about thirty kinds, are quite feeble and lack vigor. I am now securing a fine lot of American grown seedlings, which are far superior to many of the Japanese singles. Terry's Queen is an immense white one of the old albaflora type. Full Moon is a semi-double crimson with a large heart of gold. It is a jolly looking flower, smiling all over. May Davidson is a large pink striped with silver. Mrs. Terry is a beautiful single with a sort of lilac color. I have 100 or so of fine singles and it is hard to discard any of them. C. S. Harrison.

INCORPORATION.

The following notice of incorporation in the state of New York is supplied by the usual reporting agency:

Burnham-Hitchings-Pierson Co., Irvington, N. Y.; manufacture and operate greenhouses; capital, $2,000,000. Incorporators: Wm. A. Burnham, Irvington, N. Y.; Lyman B. Craw, No. 147 West Eighty-fourth street, New York; Henry F. Ford and Andrew Elder, Irvington, N. Y.; Charles Armitage, Charles G. Hall and E. W. Hitchings, Mont Clair, N. J.; Paul M. Pierson, Ossining, N. Y.; William Sefton, Jersey City, N. J.; Lincoln Pierson, Madison, N. J.

A request for information as to the purposes of the company brings a response that no announcement is possible this week. The incorporators include the officers of the three large corporations already engaged in manufacturing greenhouses in the east.

SPIRAEA FLORIBUNDA.

Will some of your readers kindly tell me how to treat Spiræa floribunda? This is my first season in growing it. Now it has done blooming, what shall be done with it and when started so as to have it in bloom by Easter? The roots can be divided, I suppose, as I divided some of the clumps. When is the best time?

Y. L.

The treatment of all these herbaceous spiræas, or astilbes, is the same. The fact is, we can buy fine clumps every fall from the importers, or import ourselves, at so low a price that we never considered it worth while to bother with the old clumps, excepting to plant them out as a hardy, herbaceous plant. They are very hardy and flower in June, but they do not make the fine white spikes that we get under glass. If you have a piece of deep, rich soil inclined to be moist you can divide the clumps that have flowered this spring and plant at once, but do not expect to produce a clump such as you import, for three years. If you want to again force the same old root, then at flowering time, or just after, there should be no neglect of watering, for they should be kept growing vigorously and planted out as soon as possible and lifted again in November. As you have handled the dormant roots you know all about their treatment. My sincere advice is to plant out the old roots, if you have any ground to spare, and buy fresh roots every fall for your Easter plants. Leave the Dutchman and his fat, black land to raise your clumps. W. S.



Laelia Purpurata.

CONVENTION RATES.

Inquiry of the Central Passenger Association shows that the rate of a fare and one-third, on the certificate plan, to the S. A. F. convention at Washington, was granted on June 10. An official of the Western Passenger Association states that his association will concur.

CALLA LILIES.

I have a lot of calla lilies planted on benches and some in pots from last winter. Where do you think is the best place to keep the roots during summer and when is the proper time to plant them again in order to get a good crop of lilies for Christmas? Which variety do you advise as the best for big flowering lilies? H. H.

Years ago we always treated the calla as an herbaceous plant, resting it in the summer months, and this is usually done now. A rest is not essential and if your bench has eight inches of soil there will be no need of disturbing them. Some of the surface soil may be removed, less water given for a month or two, the oldest leaves cut away and a heavy mulching of new soil and manure put on and they can be kept going.

If you must move them and also rest them in pots, withhold water now entirely. Dig up those on the bench, leaving some soil around the roots, and lay them beneath a dry bench or in a shed. About August 1 shake off the soil and repot in 5-inch or 6-inch pots, according to size of bulb, and plunge them out in frames. Let them be in the full sun and water copiously when once started to make leaves. If you intend planting on a bench again I would still start them all in pots, for two months out in the open gives them a robust growth. I do not think you can regulate their flowering by the time you start them growing.

The common Richardia Africana is usually grown. Nana compacta is a dwarf variety, but the flower is too small for florists. There are several forms under name, but the only difference in them is the size of bloom, and that we know depends mostly on cultivation. Planted out in a rich bed they produce much larger flowers than when grown in pots, but the monster flowers are not generally desirable. The medium flower is most useful.

Some years ago we took plants in pots in May and, without any rest, planted them in the open ground in deep, rich soil and kept them watered in dry spells. Before frost they were very large plants and lifted well. They needed 8-inch to 10-inch pots and made plants six feet high. I think they gave us more flowers to the plant than any we ever grew, but perhaps not more flowers to the square foot and that is the important point.

W. S.

LAELIA PURPURATA.

The accompanying illustration is from a photograph made at the establishment of H. G. Selfridge, Lake Geneva, Wis., whose head gardener supplies the following note:

"Laelia purpurata, from Brazil, is a magnificent species, one of the finest orchids in cultivation and of easy culture. We give them the same treatment as for cattleyas, keeping them in the cattleya house. This laelia grows two feet high and has furrowed stems and oblong light green leaves. The stem bears three to five large, richly colored flowers which are very showy. The sepals and the larger petals are pure white. The lip has the basal lobes folded over the column, streaked with rose. The throat is yellow striped with crimson, the broad front lobe expanded, of a rich dark crimson purple, paler toward the tip and marked by crimson veins. Some varieties are light rose-colored. It blooms during May, June and July and lasts three weeks in perfection. When they are in flower we put them in a dryer house and the flowers last much longer. We grow them in pots and pot them in fern roots mixed with a tenth part of green sphagnum moss."

June Weddings

AND COMMENCEMENTS

We have supplies of all Seasonable Cut Flowers to fill every need. Specially strong on **Peonies, Beauties and Sweet Peas,** the most popular flowers of the season. Let us have your order.

Headquarters for SMILAX and ASPARAGUS

You cannot make a decoration of cut flowers alone; it takes some long, heavy strings of "green," either Smilax or Asparagus. We have inexhaustible supplies. Also Sprengeri, Adiantum and Ferns.

E. C. AMLING,

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AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$3.00 to $4.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$3.00 to $ 6.00
Chatenay	3.00 to 6.00
Kaiserin, Golden Gate	4.00 to 8.00
Liberty	4.00 to 10.00
Carnations	1.50 to 2.00
" large and fancy	3.00
Peonies, per doz., 50c to 75c	4.00 to 6.00
Valley	2.00 to 4.00
Callas, per doz., $1.00 to $1.25	
Easter Lilies, per doz., $1.50	10.00
Sweet Peas	.50 to 1.00
Mignonette	35 to .75
Marguerites	.75
Shasta Daisies	1.00 to 1.50
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Galax, per 1000, $1.25	.15
Adiantum	1.00
Smilax, per doz., $1.50	10.00

NEW FERNS

This season's first pick in the Berkshire Hills; the best Massachusetts stock. $2.00 per 1000; 25c per 100.

Ask for special quotations on 1000 lots Roses and Carnations.

Subject to change without notice.

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-34-36 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

CHICAGO.

The Market.

The report for the past week will depend altogether on the way you look at the market. If consideration is taken only of the low prices at which carnations and, particularly, peonies have sold, it will be said that the market has been in a most demoralized condition, but if, on the other hand, consideration is taken only of the number of orders and the vast quantities of material which have been moved, the result will be a conclusion that trade is not so bad after all. As a matter of fact the totals of sales in the wholesale houses have been quite good, except for an occasional dull day, although average prices in most lines are very low indeed.

During the past week receipts of roses have shortened up materially, due in a large measure to replanting operations. Good roses now have a stable value and Brides are occasionally hard to find. Those growers who have summer crops now coming on will meet a very satisfactory market. There are still considerable quantities of long Beauties, but the market is much stronger on this item than it was a week ago.

Carnations continue in very lage supply and very low sales have been made to clean up; in fact the wholesalers have found it almost impossible to keep the stock moving. On Monday morning several houses opened with considerable quantities of carnations carried over from Saturday. The quality of stock is still good for the season. Little change is looked forward to as regards carnations until toward the end of this month, when the growers will begin cleaning out the benches preparatory to planting for next season.

This market never had so large receipts of peonies as last week and some of the sales reported are almost too low for credence. One of the down-town stores that makes a specialty of cheap sales reports having bought at one place that plentiful variety called "crap" for 2 cents per dozen, by the wagon-load. Up to Monday the practice almost everywhere was to let the buyer make the price on the grades which could not be held. Good stock has largely gone into storage and the first of this week saw the end of the local crop. There are many thousands of dozens in cold storage, certainly more than ever before, and there will be no shortage of peonies for some weeks, but there are only a few who have had the knack of bringing out cold storage stock in the right shape. This grade of goods will likely bring a fair price, no matter how much of the poor stock there may be to be slaughtered.

Receipts of sweet peas continue excessively heavy, but the flower is in as good demand as any other item in the list. Valley is doing well because of the wedding season. Few callas are seen and Harrisii lilies have again assumed their normal position. Gladioli are more plentiful but sell fairly well. A few water lilies are seen. "Green goods" are doing fairly well, but smilax is a little more plentiful and slightly lower in price.

On Wednesday the weather again turned hot, to the injury of all.

New Rose Range.

Application has been made at Springfield for the incorporation of the Chicago Rose Co., with $15,000 capital stock, the incorporators being John P. Weiland, D. J. Murphy and John Degnan. Mr. Weiland recently sold to his partners his interest in the firm of Weiland & Risch. The new concern has bought fifteen acres of land at Libertyville and has placed an order with the Moninger Co. for cypress and with the Pittsburg Plate Glass Co. for glass for three 500-foot greenhouses, approximately 50,000 square feet of glass, the houses to be put up with all possible speed to be ready for planting in early July. Brides and Bridesmaids and some of the new storts will be grown. In the one season Mr. Murphy has been growing for this market he has given ample proof of his skill with teas and the new concern is expected to develop rapidly.

Various Notes.

A meeting was called for last evening at the store of E. C. Amling for the purpose of organizing the Chicago Wholesale Florists' Association on a permanent basis. The association has done so well in handling the wholesalers' interests during the teamsters' strike that it is thought best to perpetuate the organization. It can be of material assistance in many ways, as, for instance, in disseminating information of those buyers who make a practice of refusing C. O. D.'s "if it happens to be raining when the box arrives."

The creditors of T. D. Mosconesotes are still taking judgment and levying on

ANNOUNCEMENT

INCREASED SUPPLIES AND RAPIDLY INCREASING BUSINESS necessitate increased facilities and we wish to announce to the trade that **MR. MONS OLSON,** for many years identified with leading shipping houses in Chicago, is now with us and we bespeak the patronage of the many buyers whom he has served in the past.

There is no house better able to take care of your orders and none more anxious to please.

ZECH & MANN, Phone, Central 3284 **51 Wabash Ave. CHICAGO**

Mention The Review when you write.

the stock and fixtures at the store in the Masonic Temple, although this avails nothing, for Mosconesotes' brother has been able to show title. However, on Saturday he sold out to Frank Williams, who already has a store around the corner on Randolph street. The reported consideration was $1,100.

Jas. Foerster, manager of George Reinberg's city store, was married June 8 to a Miss Riggs. The announcement came as a surprise to Mr. Foerster's many friends.

Bassett & Washburn report that thus far this has been the best June in years. They are getting a good cut of Kaiserin, which helps out.

The first part of this week has seen the height of the peony season at the Peterson Nursery and the peony fields have been visited by a large number of those interested in the popular spring flower, including many in the trade. Mr. Peterson says the season's blooming has confirmed his good opinion of Delicatissima.

It is reported that one of the downtown cheap sales stores bought 40,000 carnations on Saturday.

The Chicago Carnation Co. has been sending large consignments of peonies to a number of the local wholesalers the past week. They lost a considerable part of their crop, however, in the hail storm at the end of May.

A. B. Austin, at Downers Grove, has been sending E. H. Hunt immense shipments of peonies of fine quality the past week. A large quantity have gone into cold storage.

Poehlmann Bros. Co. is at work on another good sized addition to its plant, seven houses each 27x195 feet.

There was only a small attendance at the club meeting June 8. The next session, June 22, will probably be the last for the season.

Besides the rebuilding operations already mentioned, Emil Buettner is extending three of his old houses 129 feet each.

P. J. Hauswirth says that so far in June business has been exceptionally good with him, a large part of it wedding work and decorations in the Auditorium.

The Fleischman Floral Co. is to erect a handsome show house 27x50 feet at its new branch store at State and Division streets. The J. C. Moninger Co. is drawing the plans.

The jobbing houses have announced a slight increase in price on the larger sizes of window glass. The discount on ordinary greenhouse sizes continues to be 90 and 30 per cent from the list; 16x20 is reported scarce.

Ed. Hauswirth has returned from an early vacation.

The roses at the wooded island in Jackson park will be at their best next Sunday.

Carl Niemann, at Norwood Park, is building three houses 21x125 to be finished July 10 for early planting with carnations.

Peter Reinberg is rebuilding a range of houses, raising them and substituting iron gutters for wood, without removing the glass.

E. E. Pieser says that, although there is sure to be big business in peonies for the rest of this month, he does not look for any shortage at the end of the season. The Kennicott Bros. Co., which was the pioneer in storing peonies has several thousand dozens more in storage than ever before.

Kindly cut out all my advertisement but the late cabbage plants. I surely have no complaint to make, for

THE WEEKLY FLORISTS' REVIEW

brought me more orders than I could fill. I was short over 20,000 tomato plants this spring.

S. J. McMICHAEL.

Findlay, O., June 10.

Webster Randall is paying his annual visit to his old home in Pennsylvania. On his return A. L. Randall and family will go to their fruit farm in Michigan.

Howe & Taylor, who started a wire work factory at the Growers' Market a few months ago, sold out June 12 to Joseph Kubita, a New York wire worker.

Zech & Mann are getting the first auratum lilies of the season.

The E. F. Winterson Co. is getting candytuft and coreopsis in quantity and nasturtiums are beginning to come in.

C. W. McKellar reports a good business on cattleyas. He is also handling vandas, but they are slow sale.

W. L. Palinsky says that the bedding plant trade came all in a very short time this year but that everyone so far as he knows is well cleaned up. Some geraniums which were not in flower bade fair to be left but are now selling as fast as they come into bloom.

C. W. Ward, president of the peony society, is due to arrive today for the convention.

J. A. Budlong reports rose plants selling well.

A. Siegel, of St. Louis, has been in town for several days.

NEW YORK.

The Market.

Summer weather is here at last and Monday a much needed rain fell. The seedsmen and nurserymen and all kinds of growers are rejoicing with great joy.

The market is a thing of shreds and patches. Plenty of everything and too much of some things. New roses are coming in and old ones are still abundant. Prices are uneven and problematical. Boxes go without disturbance and at prices that must be heart breaking to the grower and his faithful agent.

Carnations are also in oversupply and quality continues quite up to the mark, but prices! You should see the stock that goes at 50 cents per thousand. Lilies are no longer a flower for special seasons. Like Will H. Siebrecht's valley, you can have them "every day in the year."

Peony night at the club came at the right time for an exhibit. Hardly a wholesale house but is flooded with them this week. One man on Twenty-ninth street tells me he has contracted for a shipment from one grower of 60,000 flowers. The Cottage Gardens pour their wealth of bloom daily into their regular channel of distribution. One only has to walk through the wholesale section to be set to wondering where the enormous supply can come from. There are some beauties among them, how many varieties it would be hard to tell.

Club Meeting.

The final club meeting until the second Monday in September was a great success. Between 100 and 200 were present, including a large attendance of ladies. Chairman Nugent, not only pro-



A Daily Cut
From 40 to 60
GROWERS

AT THE SIGN OF JACKSON
TRADE MARK

Peonies, Peonies
Peonies

We have the largest stock of Choice Peonies (all colors) in Chicago and can supply them by the **DOZEN OR THOUSAND** as late as July 15. **Price, $2.00 to $5.00 per 100.** Try a sample shipment. We guarantee them to reach you in **FIRST-CLASS SALABLE CONDITION.**

We can also take care of your wants in

ROSES, CARNATIONS, ORCHIDS,
Sweet Peas, Valley, Greens, Etc.

Inside Chicago Market Quotations.

Most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO. 45-49 Wabash Ave. CHICAGO

ESTABLISHED 1894.

Mention The Review when you write.

vided an extra room for the comfort of the guests at the musical and literary feast, but spread dainties tempting to every palate and pre-arranged a distribution of the exhibits so that every one of the fair sex became a walking peony garden when she left the hall. Mr. Nugent sang many songs in fine voice and was ably assisted by the professor. Dancing was also indulged in. Wallace sang Scotch songs and Pepper told dialect stories and some of the young ladies did their share of the singing though called on unexpectedly. The best of good feeling prevailed and the whole evening was voted a fine success. This places another feather in the president's cap and makes the road all the rougher for his successor to travel.

The exhibits were first-class and Messrs. Guttman, Guttman & Weber, Chas. Lenker and the Cottage Gardens received the unanimous thanks of the club for their displays. Peonies were sent by Messrs. Ward and Lenker and Victory never better by Guttman & Weber.

The transportation committee reported that it will notify the members by letter as to the route to the convention in August. A letter from Commissioner Kennedy, of the Brooklyn parks, was read, announcing the rescinding of the order closing the Prospect park conservatories to the children. A letter of thanks was ordered sent as the club's recognition of his prompt attention to the president's suggestion. Messrs. Kakuda and Fellouris were proposed for membership and the resignation of J. C. Gowing was accepted.

The club thus closes the most successful six months of its history. In beauty and extent of exhibits, average attendance, harmony, union of interest and good fellowship, its record has never been equaled. The outing is expected to be the consummation of a brilliant season. The programs were distributed at the meeting and since our last report J. W. Reimels, Charles Lenker and C. W. Ward have been added to the list of prize donors. The tickets are going fast and President Traendly requests that those who are going send to Treasurer Schenck, with remittance, as soon as possible so that proper arrangements for entertainment may be made. The committee anticipates an attendance of 400.

Various Notes.

Quite a number of growers, bulb men, retailers and wholesalers have gone or contemplate a European trip. Don't hear of any newspaper men, however, going over, except Dimmock and John Birnie. Birnie slyly got away without waiting for the club's send-off and godspeed, to which he was entitled for faithful service. He sailed last Wednesday on the Oceanic for Bonnie Scotland and a visit to his aged mother. He will have to take a swift boat home if he does not wish to miss the outing. There is a younger John at home, who is managing things while he is away.

A new wholesaler will make a bid for a share in the cut flower pie. Phil Kessler has graduated from the management of the Cut Flower Exchange into a full fledged mogul and he has a good list of growers on his string already. He is a popular fellow, generous, tireless and everybody wishes him success. He will be located above Young & Nugent's on West Twenty-eighth street.

A new heating company makes its bow this week, the Johnston Co., with offices at 1133 Broadway, the same building where the Lord & Burnham Co. and the Parker-Bruen Co. make city headquarters. Mr. Johnston is a graduate from the firm of Hitchings & Co.

The bowlers last Friday were conspicuous by their absence, the secretary and treasurer maintaining the semblance of organization. Some fine averages were made, however, and nothing under 150 goes.

Charles Loechner, with Suzuki & Iida, is back from his European trip.

A goodly number of the New York seedsmen are planning to attend the convention of the Seed Trade Association at Alexandria Bay, June 20. A grand time has been promised the visitors. No more restful and delightful spot could have been chosen.

A firm of Greeks doing business as the Olympia Florist at 52 and 101 West Forty-second street have filed a petition in bankruptcy, scheduling liabilities of $3,012 and no assets except those covered by a chattel mortgage. The debts were all contracted between April 15 and May 15.

The Brooklyn Institute of Arts and Sciences has received an endowment for a botanical garden.

A practical joker is reported to have put a live lobster in Wm. Gilbert's pocket. Gilbert started for town and had plenty of room on the "L" train.

J. AUSTIN SHAW.

NEVER HAVE ALL
YOUR EGGS IN ONE BASKET
It will pay you well to have a good assortment of our latest ideas in
Fancy Baskets
They create a demand among flower buyers who are quick to appreciate enterprise when combined with good taste. Besides having the finest line of Baskets ever offered, we have a complete stock of
All the Best Florists' Supplies
We respectfully ask your patronage.
H. Bayersdorfer & Co.
The Florists' Supply House of America
50-52-54-56 North 4th St., PHILADELPHIA

Mention The Review when you write.

KANSAS CITY.

The Market.

There has been very little let-up in business the past week, an unusual state of affairs for this time of year. There is an unusual number of weddings, even for the month of weddings, and the decorations have been very generous for most of them. Stock sold well and the offerings during the week have been very good. Sweet peas are almost a glut on the market. The supply exceeds the demand. Daisies, cornflowers and the different outdoor flowers are coming in and are crowding carnations and roses off the boards. A large number of weddings are booked for the coming week and things promise to be lively.

Business has fallen off considerably at the market the past week, as every one seems to be supplied with bedding stuff and the market looks lonesome. Some of the growers have sold out everything and were forced to buy stock plants, while a very few had some stock left over.

Various Notes.

John Vesey, who has had the lease of the Baker Bros.' establishment the past two years, has closed up his business and will return to his home in Indiana, where he will engage in the real estate business with his father. We regret to lose him, as he has made many friends among the florists here, who will miss his genial presence.

Mrs. Eola Shiras, who has charge of the retail division of the Kansas City Floral Co., has returned to work after a vacation of two weeks.

The Budd Park Greenhouses report a very satisfactory business since the firm took charge of the property last fall, and they are contemplating making quite a number of improvements that will bring it to an up-to-date standard.

Clarence A. Doty, one of the representative business men here, who is now in the confectionary line, is about to open a flower store on Main street. Mr. Doty intends to handle all kinds of first-class blooms and is making arrangements to open a first-class establishment by September 1. Mr. Doty is an energetic, up-to-date business man and we predict for him success in his new venture.

The Harvey Floral Co. reports a very satisfactory business the past week and Mrs. Harvey, the manager, is confident that they will handle a generous share of the business.

D. Fruedenthal is handling the finest sweet peas seen here this season. They come from Ed. Bunyar of Independence.

Narcissus.

COUNCIL BLUFFS, IA.

For last week's firemen's tournament, J. F. Wilcox had a window display which attracted much attention. It was a floral reproduction in miniature of a wide lawn, dotted with flower beds and edged with foliage plants. At the rear was a three-story dwelling house constructed of white carnations, and having balconies and porches. A red sheet of flames, represented by red carnations, was mounting the building, and from a window on the third floor two golden haired tots appealed for help. A macadam drive crossed the lawn, over which an auto chemical engine, preceded by a hose cart drawn by three horses, was hurrying to the rescue.

The entire design covered a space the width of the show window, and at about equal depth. The work was done by William Speth.

PHILADELPHIA.

The Market.

The demand for choice roses and sweet peas continues brisk, the former being scarce, the latter plentiful. The advent of the sweet peas grown from seed sown outdoors has increased the supply. The quality is very fine. Prices are declining. Carnations of medium and poorer grades are an absolute drug, only the better grades bringing satisfactory returns. Peonies are waning and this week will probably see the end of the local stock, making room for those put in cold storage. Centaurea imperialis, white, yellow and pink, with large flowers and long stems, may be seen in quantity at the Leo Niessen Co.'s. The white pyrethrum prize for design work is now handled by the Philadelphia Cut Flower Co. Beauties and Kaiserins are scarce. S. S. Pennock is getting some fine Maids from down east that command about double the price of good ordinary stock.

A Pretty Sight.

Green is universally recognized as the most restful color on which the eye can dwell. When the green is of deep hue, rich and glossy, the pleasure of seeing is enhanced. Such a sight may be seen at Wyncote, where Joseph Heacock has house after house of kentias in perfect condition, robust and vigorous. This is the age of the specialists. Mr. Heacock is one of these. Ten years ago they were rare in our profession. Today their number is increasing. He believes that there is but one palm, the kentia, just as he believes there is but one rose, the American Beauty. Of course, this is figurative language. He has other palms. He has also other roses. All are good, but the kentia and the Beauty stand out pre-eminent.

I suppose you will expect a detailed account of the Belmoreanas and Forsterianas in medium sizes, as well as of their big sisters in larger pots and in shapely grass-green tubs, of the made-up plants and single specimens, of the arecas and the cocos, of the cibotiums, and the Scottii, and the Barrowsii, but you will be disappointed. Some pen more facile than mine will gladly do this for you. I can only say that while many choice kentias were in "sixes" and in "sevens," these symbolic numbers in no wise describe the condition of the place, for a neater, cleaner, more orderly and systematic place than that of Joseph Heacock it would be scarcely possible to find.

A Novel Proposition.

"I am Miss Belle," the sweet voice said. "I want to tell you that I was disappointed about sailing for England today and all the lovely flowers that my friends sent me from your shop have come to mamma's from the steamer. Now I want you to send here for the flowers, sell as many of them as you can and send their value in fresh flowers next Wednesday to my steamer in New York, charging me with the expressage. You see," the sweet voice added, "I do not want my friends to be disappointed. They expect me to enjoy your lovely flowers on the ship."

"But, Miss Belle," the astonished young man replied, "it is not our fault that you did not sail today."

"Please ask Mr. White himself to come to the telphone." The sweet voice was quite stern now. The proposition was repeated in full.

"Certainly, Miss Belle. Do not give the matter a moment's anxiety. But you shall have all the boxes of flowers in New York next Wednesday exactly as you received them this morning," was Mr. White's gracious answer.

Various Notes.

The many friends of Henry F. Michell



CALDWELL THE WOODSMAN,
The man who gave you the Wild smilax.

SOMETHING NEW

Now that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the Florists of the Pacific Coast, Washington and Oregon in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June. I am anxious to get the verdict of the Floral trade on this introduction and offer to send you a Case on Suspicion, price $2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



THE VERDICT OF THE TRADE

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.
FRED C. WEBER, St. Louis, Mo.

We are in receipt of your shipment of one case Huckleberry Branches and are pleased with it. Send by express 5 cases at once.
WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

Two cases of your decorating green reached us in good condition and we used them very effectively in a church decoration which gave entire satisfaction to our customer. THE GASSER CO., Cleveland, O.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.
LEO NIESSEN CO., Philadelphia, Pa.

CALDWELL THE WOODSMAN CO., Evergreen, Ala. Cash with order, please.

New Crop Hardy Ferns Now Ready FANCIES, $1.50 per 1000. DAGGERS, 1.25 per 1000.

welcome his return to duty after a week's illness.

Wm. J. Muth is justly proud of the good showing made by the Philadelphia Cut Flower Co. throughout the season.

Robt. Craig & Son straightened out their affairs with their creditors on Thursday last. Mr. Craig's many friends rejoice that he is once more at the helm.

It is said that Charles P. Poryzees has received satisfactory compensation from the insurance company for his recent loss.

Frank R. Pierson, of Tarrytown, was in this city last Monday.

Joseph Heacock, M. Rice, B. Eschner and C. E. Meehan attended the meeting of the Masonic Lodge 107 at Beverly on Monday, by invitation of John Cook.

John Wilson, of J. J. Habermehl's Sons, established a new record at the Bellevue-Stratford recently. He received an order for fifteen large bouquets of choice flowers when available stock was low. With but one assistant he hustled around and secured the stock and filled the order on time, which was about three hours.

The Hugh Graham Co. is having its loss adjusted by the insurance companies for a small blaze that occurred recently in their handsome store, 104 South Thirteenth street.

Ed. Reid had an order for 1,000 Beauties on Monday.

The rose meetings of the Pennsylvania and Germantown Horticultural Societies were held on June 8 and 12 respectively.

Charles A. Knapp has a good stock of bedding plants.

A. M. Campbell paid a pleasant visit at the Flower Market quite early last Monday morning.

Bowling.

Following are the scores in the games rolled to decide the ties for first and second place in the big tournament just completed:

Player.	1st	2d	3d	T'l
Westcott	141	196	160	497
Harris	171	165	148	464
Gardner	116	133	158	407
Hoffman	150	150	150	450
Dunham	164	167	158	489
Gibson	176	121	168	465
Donaghue	176	158	153	487
Addleburger	140	177	165	482
Robertson	147	194	178	519
Mehorter	145	145	145	435

For second place the scores were:

Yates	160
McCauley	188
Holmes	150
Hubbenlock	143
Merbitz	148
Moore	190
Bonsall	155
Falck	148
Habermehl	144
Gray	140
Connor	164
Pollis	151
Dungan	131
Dodds	159
Harvey	145

PHIL.

LONG ISLAND CITY, N. Y.—Mrs. R. Pritchard, who has been quite ill for three months, is convalescing. Mr. Pritchard has had a busy season.

CLEVELAND.

The Market.

We are now in the midst of June festivities, the usual number of weddings and commencement exercises. Cupid has not been quite as liberal in the dispensation of darts as heretofore, especially among the wealthy class of young society ladies. Large wedding decorations, which call for quantities of fine flowers, are very rare this season. On the other hand, work for the public schools and colleges will be in full swing, commencing about June 15.

The call for good flowers is increasing rapidly and the quality diminishing very fast, owing to the hot weather the past week. Beauties locally grown are of good quality and sell at a fair price. Brides and Maids have suffered considerably the past week, both in price and quality. There are a few fine flowers, which command as high as $6 per hundred, but most of the stock is sold by the bulk without a price. Carnations were never better at this season of the year. Lawson has again regained its color and is extra fine, as also are Enchantress and Joost. Crane has seen its best day, having succumbed to the hot weather and red spider.

Peonies are at this season of the year what the chrysanthemums are in the fall. They fill in very satisfactorily for decorations and are also used for commence-

ments. Some extra fine Festiva maxima, the grand white, are to be seen at the stores, which retail readily at $2 per dozen. It is a happy thought to know we are about to realize a beautiful pink. While there are numerous other kinds, the above is really king. Pyrethrums, double and single, are very fine. Many other herbaceous flowers are in their prime at present.

Various Notes.

The Gasser Co. has a fine showing of gladioli for this season of the year. Spanish iris will soon be in flower outside. Mr. Darnell reports trade about normal, with fewer weddings of magnitude than last year.

Collins & Harrison are, as usual, quite busy with school commencements and wedding decorations, of which they are getting their usual quota.

Smith & Fetters handled a large wedding decoration lately which called for the best quality of flowers.

Miss Eadie has been quite busy since Decoration day. At present her store is receiving a new coat of decoration, which will add materially to the appearance of the place.

C. M. Wagner finds business fairly good, having booked several weddings of late.

Milton Parks, of the Citizens building, says trade has been exceptionaly good. He has captured the Masonic order for several thousand roses and carnations and will accompany them to Niagara Falls. Forest City.

BOSTON.

The Market.

The market has been quite dull the past week. June weddings are numerous, but do not seem to make any appreciable difference in prices. Roses are of much poorer quality. One or two growers are sending in Beauties from the new crop. From $10 to $25 per hundred are prices for select stock of these. Brides and Maids are getting poor, but some very nice Kaiserins and Carnots are arriving. Prices on these remain about the same. Quite a few outdoor Jacqueminot should appear this week. Carnations are druggy. While a few select flowers bring $2 to $3, large lots are unloaded at 50 to 75 cents per hundred. Quite a few double peonies are arriving. These sell at from $4 to $8 per hundred. Singles are quite plentiful. Outdoor valley is now over. One grower has been shipping 20,000 very fine spikes a day for some time. Prices vary from $1 to $3 per hundred. Quite a few German irises, pyrethrums, Spanish irises, Iceland poppies and other outdoor flowers are coming in. A few Earliest of All and Mont Blanc sweet peas from outdoors are now appearing. The best indoor grown still bring up to 75 cents, poor grades as low as 25 cents per hundred.

Various Notes.

Holm Lea, the famous and picturesque estate of Prof. C. S. Sargent in Brookline, was opened to the public on June 10 and 11 and attracted thousands of visitors. The magnificent specimen standard wistarias in tubs and the big collection of Indian azaleas were in prime condition. The rhododendrons and hardy azaleas, as well as many other trees and shrubs were very attractive.

Fancy Ferns $1.75 per 1000
Fine Peonies 35c to 75c per Doz.
All other Cut Flowers and Green Goods at the
LOWEST MARKET PRICE.
We are receiving 10.000 SWEET PEAS from one grower daily, besides large consignments from other growers, which gives us more Sweet Peas than any other house in the city. Here is the place to get the best selection. Try it.
Vaughan & Sperry, Wholesale Commission Florists
Phone, Central 2571. 60 Wabash Ave., Chicago
Mention The Review when you write.

Big masses of Primula divoricata and Primula Sieboldi were especially fine in the rock garden. The large collection of Moutan peonies, which included many fine seedlings, and the herbaceous varieties were gorgeous. Many new, rare and valuable hardy plants were noted. Everything on the place was in splendid condition and reflected the greatest credit on the skillful head gardener, Charles Sander.

James Farquhar has left for a second trip to Porto Rico, where his firm recently established a nursery.

Superintendent J. A. Pettigrew, of the Boston park system, leaves for Europe early in July on a well earned vacation. He has not visited Great Britain for thirty years and expects to see many striking changes.

A good delegation of members of the American Rose Society's executive board will attend Hartford, Conn., on June 19. The program includes a visit to the famous rose garden in Elizabeth park and an automobile ride round the city in addition to the regular business session. The Hartford Florists' Club will entertain the visitors at a banquet in the evening.

Unless all signs fail, the meeting of the Gardeners' and Florists' Club on June 20 will be the most largely attended in its history. Mr. Walsh's paper on roses and the subsequent discussion, to say nothing of other special attractions arranged, are the drawing cards.

W. E. Doyle had the decorations at Trinity church last week for the Gray-Tudor and Higginson-Sargent weddings. At the latter he used large quantities of pink hydrangeas and Enchantress carnations in addition to palms, etc., to good effect.

Our long drought was broken last week by welcome rain but much more is needed. June 8 was, according to the weather bureau, the coldest June day in seventeen years, the maximum being only 47 degrees. The temperature fell at night to freezing in some locations. At North Easton it went to 34 degrees and a number of tender plants were injured.

E. J. Shaylor, of Wellesley Hills, made a large exhibit of peonies in all the leading varieties before the Worcester Horticultural Society on June 15. Mr. Shaylor has a large collection of peonies, including many new and scarce sorts.

The Boston Globe of June 11 contained an illustrated account of the Waban Rose Conservatories. In an interview Mr. Montgomery stated that they grew 100,000 rose plants, their annual cut being one and one-half millions. "The growing of roses," Mr. Montgomery stated, "is becoming much more of a science than formerly and I might add that the successful rose grower today should take chemistry as an important foundation stone in his curriculum."

H. H. Barrows & Son are having a remarkable demand for Nephrolepis Barrowsii. They also report N. Scottii as being much called for. They have refused orders for over 50,000 Bostons the past two weeks, but have big stocks coming on.

Some of the large private estates have a new fad, viz., pasturing sheep on the lawns to keep the grass short. We are told "it saves expense, the trying noise of the lawn mowers, and does the work more neatly and quickly, besides which, the sheep add greatly to the rural aspect, constitute a distinctly picturesque feature, demand no pay and on the contrary, prove a source of profit in meat and wool." How alluring! Progressive seedsmen should stock up on sheep and here would seem to be an opening for wide-awake florists who have some grazing land to make a dollar.

Indications are for a very fine peony exhibition on June 17.

At the Arnold Arboretum, where cratægus is being especially studied at present, 300 beds were planted this spring each containing a distinct species of this genus. Many of these are very beautiful and all are interesting.

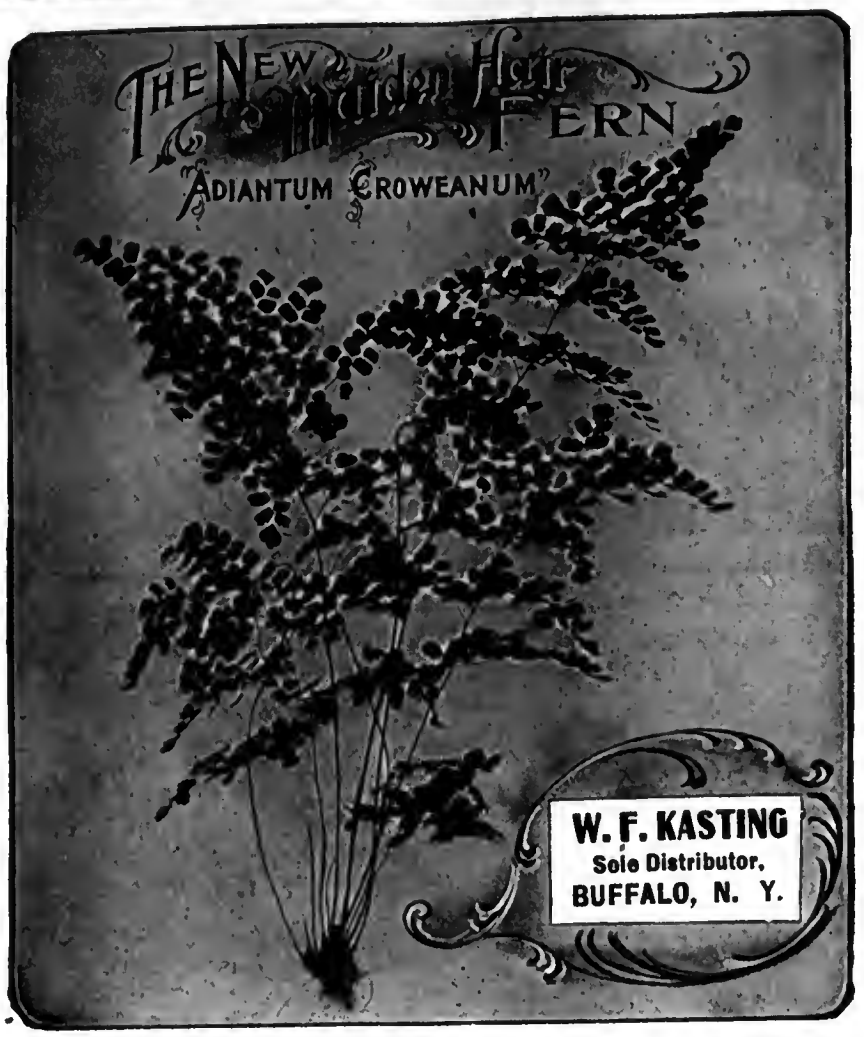
W. N. Craig.

BROCKTON, MASS.

W. W. Hathaway reports Decoration day trade as being the largest he ever had. Flowers in most demand were carnations, spiræas, stocks and roses. Among plants spiræas and hydrangeas were in heaviest request, in addition to the regular bedding plants. Other storekeepers report similarly good business.

Since Memorial day trade has slumped. Most contracts for flowers close after May 30 and prices naturally take a big tumble. One large department store is handling all the carnations from the Crawford greenhouses at 25 cents per dozen. One or two of the florists' stores responded by cutting prices also and retailing at 15 to 25 cents. From 50 cents to $1 is, however, still paid at one store for first-class stock.

The season's business will compare favorably with other years, trade at the holidays being heavier. C.



The New Maiden Hair Fern
ADIANTUM CROWEANUM
Ready Now.

Strong plants from 3-inch pots, $2.50 per doz.; $15.00 per 100; $125.00 per 1000.

See what Mr. Scott had to say in the "Florists' Review," issue of June 8, in his Miscellaneous Seasonable Hints, page 129. That will convince you that you are buying something good.

Don't Wait. Order Now.

WM. F. KASTING, Sole Distributor, 383-387 Ellicott St., Buffalo, N. Y.

Mention The Review when you write.

CINCINNATI.

The Market.

The past week brought forth another glut of carnations and many were thrown out. It appears to be over now and the price is rising a little. The quality of the stock is, for the most part, very good, especially those shipped in from the north. Roses are about done for. Brides and Maids are few and far between. Beauties are also off crop, but will be in again in a few days with a good cut of new stock. The best roses are Kaiserin, Chatenay, of which some good ones are to be had; Golden Gate and Ivory. Some good outdoor roses are being received, especially Maman Cochet.

There are still plenty of good peonies on the market. Some good candidum lilies are also in. There is plenty of sweet alyssum, candytuft and stocks for funeral work. Small quantities of indoor gladioli are to be had. Lily of the valley is in heavy demand, also Bermuda and calla lilies. All kinds of "green goods" are scarce and the new crop ferns go like hot cakes, faster than they can be brought from the mountains of Kentucky.

Club Affairs.

One of the greatest events in the history of the Cincinnati Florists' Society will take place at Oakley on June 29. It will be the entertainment given the society by George & Allan and D. Rusconi, of which I wrote some weeks ago. All the plans are now perfected and a great time is promised. Doings will start at 2 p. m. The annual meeting of the society will be called to order at 3 p. m., when the board of directors will be elected for the ensuing year. At 6 p. m. a feast in true Italian style will be spread. There will be no lack of wet goods. Bowling and dancing will also be indulged in. All florists have been given a cordial welcome and there will be a big crowd on hand.

The regular monthly meeting of the Florists' Society was held last Saturday evening with quite a few of the members present. Nominations for board of directors were in order and the following names were proposed: Ben George, Geo. Corbett, James Allan, C. J. Ohmer, R. Witterstaetter, H. Konzelman, Gus Adrian, J. M. Rodgers, D. Rusconi, Wm. Murphy and Geo. Murphy. They will be voted upon at the next meeting held at George & Allan's June 29.

President George read a communication from the Oakley Fair Association stating that they will offer $500 to be distributed as prizes for cut flowers and plants at the Oakley fair to be held August 15 to 18. The schedule of prizes will be issued shortly and can be had by addressing the secretary. Chas. E. Critchell was proposed for membership.

The topic of an annual outing was brought up and the society was informed that several florists had banded together to give an outing under the heading of the "Florists of Cincinnati." It was stated that they had made a contract with the Coney Island Co. to hold the outing at Coney Island on July 20, thereby usurping the date usually selected by the Florists' Society. Tickets are already out. The society voted to have nothing to do with this affair and the matter of an outing was laid on the table till the next meeting.

Various Notes.

Mr. Dudley, of Parkersburg, W. Va., accompanied by his brother, has been in the city for the past few days. Mr. Dudley has been making a specialty of hydrangeas for the past year and with marked success.

H. M. Altick, of Dayton, O., is on the sick list, but is rapidly recovering.

E. G. Gillett has posted a notice that he will close his wholesale house at five p. m. beginning July 1, as is his custom. The other houses usually do the same thing.

C. J. OHMER.

TAUNTON, MASS.

Memorial day was excellent, far ahead of last year. Taunton Greenhouses report a tremendous demand; in fact, they were taxed to the limit to fill orders. Scarlet and dark red were about the only colors called for among geraniums. There were not enough of these to supply demands. Next season some of our florists are going to advance the price of scarlet geraniums 25 cents per dozen.

G. L. Williams, of the Taunton Greenhouses, has been quite sick with typhoid fever, but is improving.

H. W. P. Carstens we are glad to report as being improved.

The vegetable garden of the Taunton Insane Hospital has been entered in competition for the special prizes offered the Massachusetts Horticultural Society.

Cut flower trade for the season now ending has been very satisfactory. Prices have averaged about the same, except in the case of fancy carnations, which have sold higher.

C.

PEONIES . $20 to $40 per 1000
CARNATIONS 6 to 15 "
FANCY FERNS NEW AND OLD 2 "
PLUMOSUS STRINGS, $25 per 100
We want your 1000 Lot Orders.
A. L. RANDALL CO., 19 Randolph St., CHICAGO
Mention The Review when you write.

AMERICAN ROSES.

At a recent London exhibition English growers showed some American roses which gained awards of merit. Of these the Gardeners' Chronicle says:

Rose Lady Gay is a Wichuraian rose of American origin. It is quite one of the best things among climbing roses and should prove a valuable addition to the rose garden. The trusses of flowers hang in the form of sprays on long growths, and are produced in clusters of a score or more flowers. The color of the flowers is deep rose, and the individual blooms may be not inaptly likened to a small pink carnation.

Rose Philadelphia Rambler is a climbing variety, resembling Crimson Rambler, save that the flower is of a much richer type, the color being dark scarlet. The flower is also of somewhat more substance than the older variety.

Rose David Harum is a hybrid tea, with flower of large substance and of a pleasing rosy-pink color. The shape is good, and the petals when reflexed give deeper shadings of rose. The variety should prove valuable for planting in beds and borders.

SOLID BEDS.

In making solid beds for lettuce and other crops would it do to put in stone to a depth of twelve to eighteen inches and then put in good soil to nearly the same depth? How do you get the drainage? G. S.

The manner of bottoming your beds will depend both on the situation of your greenhouse and the nature of your subsoil. If your greenhouses are situated on rising ground, where there is no danger of water standing too near the surface of the ground in the case of a protracted rainy spell, there will be no need of drainage as far as location is concerned. If your subsoil is of a sandy or gravelly nature through which water would pass freely there will still be no need of drainage. If, on the other hand, your houses are situated on low ground or if your subsoil is of a close, retentive or clay nature, drainage will be necessary to insure the free passage of water.

Of course drainage is always a necessity, but the natural drainage of the soil is preferable to the artificial article, providing the natural drainage is sufficient. With the natural moisture from below, far less water will be necessary to supply the wants of your plants. Under glass your conditions as regards moisture are entirely under control and there is no necessity for providing for surplus moisture, since surplus water need not be applied. For some crops, lettuce, for instance, it is a big advantage to have beds that will retain sufficient moisture to sustain the crop without too frequent applications of water, especially through the dull months in winter.

If, however, conditions demand artificial drainage about twelve inches ought to be sufficient and I would prefer broken bricks to stone if they can conveniently be had. A green sod turned upside down on top of the drainage, or a thin layer of salt hay will prevent the soil from working down through and clogging up the drainage. The amount of soil you suggest should be sufficient to sustain any crop.

If no artificial drainage is to be used, unless your soil is very good, it might be as well to make provision for new surface soil to a depth of about twelve inches. This can be enriched according to the requirements of the crops to be grown or renewed occasionally, as circumstances may demand.

W. S. Croydon.

NICOTINE A POISON.

In England there is a law confining the sale of poisons to chemists (druggists) under strict limitations and lately a number of horticultural firms have been prosecuted under this law, for the selling of nicotine insecticides. Recently a deputation of the trade appeared before the Board of Agriculture to urge a change in the law.

G. H. Richards stated that in 1892 he first commenced to make experiments with nicotine for insecticide purposes, and after proving that it was far in advance of anything previously used for the purpose, he secured the services of one of the largest chemical manufacturers in London for the manufacture of nicotine. When supplies were ready and nicotine was available as a commercial article, he at once introduced "XL All Insecticides" to the horticultural trade, who confirmed his opinion that they were greatly in advance of anything previously used for destroying insects on plants, and the trade unanimously decided to catalogue these insecticides and recommend them to their customers. After they had been in circulation through nurserymen, seedsmen, and florists for some years, chemists became alive to the fact that they were successful articles, and proceeded to urge the Pharmaceutical Society to take out prosecutions against horticultural traders for selling them on the plea of public safety.

He also pointed out that there was not any greater danger to the public through these articles being sold by horticultural traders than if sold by chemists, and that it would be a great injustice to now take away the sale of these articles from horticultural traders who have been to the expense of introducing them to the gardening public.

THE ALLAMANDAS.

For covering the inside of a roof of a small house, it is difficult to name a plant that is more striking and showy than Allamanda Hendersoni, and though it puts forth a vigorous growth, and produces in plenty its large yellow blossoms, many ornamental-leaved stove plants will do well beneath it. We see at our large flower shows specimens in pots, trained to balloon-shaped frames, but at their best—and some examples of A. Hendersoni and A. nobilis are very fine—the plants are too much confined in pots to do them full justice. But when planted out, and fed as required, one is led to recognize to the fullest extent the glorious freedom of development of which the plants are capable. I have found cut sprays of Allamanda Hendersoni to keep for a considerable time in a sitting-room, care being taken to give them fresh, lukewarm water. A specimen planted in such a house as that above mentioned, needs to be cut back every year much as a vine is pruned. A. Williamsi is also well suited for being employed in the same way, the flowers are small, like those of A. cathartica, but they are borne very freely in clusters, and are of a deep yellow color.—Horticultural Advertiser.

Indianola, Ia.—L. P. Springer has built a greenhouse on West Ashland avenue and has a good start toward a prosperous business.

Bozeman, Mont.—M. L. Langohr has presented the city with enough bedding stock for planting the grounds about the public library.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.
Plant advertisements NOT admitted under this head.

WANTED—A good grower who can help in either roses or carnations; we have a good opening for an energetic, sober man; ability will be promptly recognized and rewarded; give experience and references. Address No. **45**, care Florists' Review, Chicago.

SITUATION WANTED—After July 1, by a middle-aged man as working foreman; first-class grower of roses, carnations, mums and general line of pot plants, bulbs and bedding stock; good references given; please state wages. Address No. **46**, care Florists' Review, Chicago.

WANTED—A reliable, industrious man to take greenhouse and mushroom plant on shares; generous offer to right man; references required. Address J. L. Day, Swarthmore, Pa.

WANTED—A man at once, for small commercial place, who understands growing carnations and general greenhouse plants; must be strictly sober and industrious; steady work the year around; wages $25.00 per month with board. Thos. Barson, Johnstown, N. Y.

FOR SALE—Cucumber forcing houses; fine property; dwelling; waterworks; all complete. Address No. **44**, care Florists' Review, Chicago.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants, sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

WANTED—A competent greenhouse man for retail place of 10,000 feet of glass; must be a worker; wages $60.00 per month; state particulars. Address Seattle Floral Co., 4th Ave. and Denny Way, Seattle, Wash.

FOR SALE—De Soto greenhouses, 200x175; three houses, 80 ft. long; cheap; 42 miles from St. Louis. Address Mrs. J. W. Butcher, De Soto, Mo.

SITUATION WANTED—Practical florist, manager of store; decorating, design work a specialty; grower of fine roses, carnations, mums, general stock. Florist, 47 Miami Avenue, Detroit, Mich.

SITUATION WANTED—By florist, landscape gardener, grower, designer, etc.; life experience in charge; private and commercial; German; 38; married; family; best references; now open. Box 54, Spencer, Mass.

SITUATION WANTED—A1 grower wishes to take charge of commercial or private place in a southern state; have a thorough knowledge in greenhouse and store work. Address P. O. Box 555, Abingdon, Va.

WANTED—Rose grower; single man; state wages wanted and how much experience you have. Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia P. O., Pa.

FOR SALE—Will sell 30 boxes American B, double thick, 12x14 glass, 50 square feet a box; 35 boxes 14x20 double thick American glass, at $2.25 a box; also about 400 feet of new ¾-inch garden hose, at 6 cents a foot. Frank Rodgers, 88 Griswold St., Detroit, Mich.

FOR SALE—4-inch cast-iron greenhouse pipes, in good condition, 6 cents per ft. Inquire of Emil Buettner, Park Ridge, Ill.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

FOR SALE—No. 6 Rider engine with deep well pump, kerosene oil burner; used about 1½ years; in good condition; cost $300; will sell for cash on board car here for $75; reason for selling, city water connection. M. Mandl, 165-167 South Franklin street, St. Paul, Minn.

WANTED—A good section man for carnations and roses. Apply to Emil Buettner, Park Ridge, Ill.

WANTED—A first-class rose and carnation grower. Apply, stating wages and references, A. J. Smith, Central Michigan Nursery Co., Kalamazoo, Mich.

WANTED—Good all around florist; single. Blondeel, Oak Park, Ill.

WANTED—A competent florist capable of taking charge of retail place of 7000 feet of glass; wages $50.00. F. B. Tinker, Peru, Ind.

FOR SALE—Two greenhouses 20x60; one acre of ground; good location; good trade. W. N. Tharp, Liberty, Ind.

SITUATION WANTED—By a young man in store or greenhouse; 5 years' experience on retail place; first-class references; state wages with or without board. T. H. Phelan, Lock No. 4, Wash Co., Pa.

SITUATION WANTED—As foreman; Beauties, teas and carnations a specialty; good propagator, hybridizer and plantsman; can handle help to best of advantage; references: Jos. Heacock, Wyncote, Montgomery Co., Pa.; Albert Woltemate, 5230-32 Germantown Ave., Philadelphia. Apply Matthew G. Kinnaird, 227 Woodbine Avenue, Narberth, Pa.

FOR SALE Four Violet Houses, capacity 25,000; Violet Cuttings already set out; at present stocked with tomato plants; living house, four rooms; 2 acres land; near depot. For particulars address
W. B. GOODENOW, STOUGHTON, MASS.

FOR SALE CHEAP.

100 boxes of new 16x24 double thick glass, $2.78 per box. 60 boxes 12x14 double thick, $2.65 per box. One Welch hot-air pumping engine in complete working order, $60.00. One Gurney 9 section hot water boiler in perfect order at $70.00. Also 1000 feet 2-inch pipe at 6½c per ft.; 1000 feet 1¼-inch at 4c; 1000 feet of 1-inch at 3c.
Address **G. & F. BLANCHARD,**
45 La Salle Street, CHICAGO.

Auction Sale

I will sell at public auction on the premises, rain or shine, **Thursday, July 6,** at 12 o'clock noon, the Humphrey Greenhouses in the city of Rome, N. Y. Has 15,000 square feet of glass, located on lot consisting of 165 feet frontage and 150 feet deep, with ten modern well equipped greenhouses, all stocked with palms, ferns, roses, carnations and general bedding stock. These houses are all heated with steam, are centrally located and doing a fine business. Has also an eleven-room dwelling with modern improvements, and a natural gas well which supplies the property with light. Reasons for selling—sickness. For further information call or
Address **JOHN HAND,** Auctioneer,
57 Arcade, UTICA, N. Y.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held at Alexandria Bay, N. Y., from June 20 to 22, 1905.

THE good weather of the week has improved the onion set fields at Chicago very much.

EVERYTHING points to an unusually large attendance at the seed trade convention next week, especially of the eastern members.

IT is reported from Sheboygan, Wis., that one of the canning companies there claims to have had great damage on crops. They were also unfortunate in losing 1,000 bags of seed peas by the flooding of their canning establishment.

FROM all the information available to date there will be no combination in the movement of the western seedsmen toward the meeting point of the seedsmen's convention. Each will move independently of the others, trusting to providence to get there safely.

UNDER date of Sheboygan, Wis., June 12, the John H. Allan Seed Co. reports: "We have had some fearful storms which have done great damage to property along the river fronts, and in all probability we must have suffered considerably by the rains, but are surprised that very few reports of damage have reached us up to the present time. We had expected many and serious ones."

Too much rain in the Mississippi valley, too little on the Atlantic coast.

THE next two weeks is likely to make or break the onion set crop of the country.

VISITED CHICAGO: Robert Livingston and Thos. Ludwig, of the Livingston Seed Co., Columbus, Ohio.

CRENSHAW BROS., Tampa Fla., have just moved into a new building erected especially for the seed business.

D. M. FERRY, Jr., is with Lem W. Bowen, visiting European seed growers. Young Mr. Ferry is now actively identified with the business.

REPORTS covering the pea growing sections of Wisconsin show the growing crops to be in very good shape, notwithstanding the heavy rains.

THE U. S. Department of Agriculture has issued a circular to refute the popular belief that the "cabbage snake," or hair-worm, is poisonous. The statement is made that the cabbage-growing industry has suffered severely from this fallacy.

JUDGING from the reports of the travelers, there is yet in the hands of the smaller seed merchants throughout the country a considerable overplus of standard stocks.

REPORTS from California growers are very discouraging as to the prospect for onion seed. One large operator suggests one-third of a crop as the probable harvest.

IN Michigan but few beans had been planted previous to the flooding rains reported in this column last week, so that if conditions become favorable for immediate seeding no special damage will have resulted.

D. H. GILBERT, Monticello, Fla., writes under date of June 9: "There is a large acreage of water melons and, with the exception of a very few sorts, we will have a good yield. Cantelope is doing well, but the acreage is short. Egg plant is also doing well."

H. W. BUCKBEE, Rockford, Ill., has bought a new saddle horse from a Mexican mail order man named Wild Bill and the local newspaper gives up half a column to an account of the fun there will be when the seedsman introduces his steed to the local puff wagons.

THE Livingston Seed Co., Columbus, O., says that "the season's seed business has been very satisfactory. Both the mail trade and home retail trade have been above the average. We presume the prosperous times has much to do with it. Everybody at work means money to spend for seeds, plants, and, in fact, everything in our line."

From the Indiana onion marsh district, under date of June 12, a correspondent writes as follows: "We are having an awful time. We have had such heavy rains that fully one-half of the onion crop is destroyed and the weeds are fierce. We are weeding and ditching between showers. Some onion fields this morning were from six inches to two feet under water. I sowed what seed I could get but had to let some ground go. We are badly in need of help for weeding."

THIS appears to be, indeed, the young man's day in the seed trade.

THE headquarters of the Seed Trade Association next week will be at the Crossman House, Alexandria Bay, N. Y. Rates will be $3 to $4.50 per day.

SUTTON & SONS, the English seedsmen, have purchased a new forcing cucumber named Delicacy, on the Telegraph order, but more prolific and of better quality.

THE past week there has been inquiry at Chicago for pickling cucumber. The packers had made practically no growing contract but at this late date seem to have decided to contract for a small crop, there having been practically nothing planted.

FRENCH SEED CROPS.

Writing under date of May 25, a correspondent of the Horticultural Advertiser writes as follows of seed crop prospects in France:

We are now very busy with the sowing of annual varieties and transplanting of bi-annual varieties of seeds. Leeks, onions, radishes, and lettuces were sown some time ago under very good conditions, and most of them are doing well now. Only those kind of radishes which were sown a bit late have suffered on account of heavy rains which we had lately, and made the soil very rough and hard.

I may also mention the difficulty which we had in placing our contracts for radishes this season. The big prices obtained last season for mangolds have encouraged our growers in growing more mangolds this year than usual, so that radishes have been somewhat set aside. If it were not for the large quantity of radish seeds carried over from these last years by most firms, no doubt such a thing would have affected prices for next season. Radishes and lettuces are now being transplanted under most favorable weather conditions.

Bi-annual plants have suffered a little from the very cold weather we had for a few days last winter, and we lately feared that cabbages, turnips, swedes, etc., would be but a poor crop. However, the conditions of these have improved these last few weeks, so that a better crop is expected.

A great point with us is the tremendous difficulty we again find in growing dwarf and runner beans. On account of the bad seasons we had these last years for beans, growers will not touch them any more at any price. Well, this year we find the same evil again, and I believe I am not wrong in saying that beans will fetch high prices next season again. Butter beans especially, we find impossible to grow; and as these varieties were already very dear last year, no doubt they will stand very high again next season.

A great cause of anxiety for the seed growers and merchants will be the onions and leeks. These varieties reached last year such a high price as had not been heard of for years. Now on account of big prices also obtained by the dry onions, a very few have been put in earth for seeds; under such circumstances, our friends will easily realize what the market will be next season. To give you an idea of prices, I lately saw here a big grower of onion seeds, who assured me he had lately refused a large order of White Spanish onion seeds at the price of three shillings per pound for 1905 crop.

Our friends will have to look sharp at the stocks of onions offered now at low prices, as no doubt they are mostly old seeds. Last year's seeds were very good growth, but it was shocking to see the poor stocks sent out by many a firm, who took a large profit in mixing up the new seeds with the tremendous quantity of old onion seeds left over for a few years. I feel certain the same trick will be repeated again next season, but on a smaller scale, as most of the old stocks were sold out last season.

Mangolds, namely half sugar varieties, sold very well last season; up to present time prospects for next crop are not bad, and prices might fall down very much on account of the tremendous acreage planted.

The weather is cold here for the season, and we are anxiously looking forward for a bright sun and warm weather.

ENGLISH SEED TOPICS.

The following is an extract from a letter by Richard Dean, which appeared in the Horticultural Trade Journal for May 31:

The trade experienced during the last season such an extraordinary demand for mangel seeds that practically every house will be cleared of stock when sowing is completed. Thus, the supply of seeds for next season depends entirely upon plants, which look healthy on the whole at present, but, as the prospective crop is subject to damage in hot, dry seasons, such as that of last year, there is a natural uncertainty attending the crop. In such a hot season the black aphis attacks both mangel and beet; they cluster on the stems of the plants when in bloom, and apparently suck up their life-blood. The result is, many of the seeds are unmature, and at cleaning time these seeds, being light, are blown out by the winnowing machine. Prices of mangel seeds rule high this season; indeed, any stocks of high quality for this month's sowing fetch greatly advanced prices. The last ten days of July are regarded as a critical time for the mangel crops.

On account of the hot and dry time of last summer, which lasted up to the end of September, sowings of stock seeds of swedes and turnips could not be made until late, and many plants showed signs of imperfect development, and in the case of the plants which stood the winter pretty well, quite an epidemic of canker set in. A dripping June is more strictly a good time for swedes and turnips than for any other crops.

The early varieties of turnips have responded very badly to the calls of nature, and imperfect development rules; the forcing weather in the spring was the main cause. There is a decidedly better promise of crop in the case of the hardy field varieties.

Brassicas are generally affected in much the same way as the turnips. These are sown for seeding any time between the middle of March and the end of May. When the time came for the plants to make a good growth, many of them wilted away. Cabbages are running to seed more uniformly than has been known for years, and they start much more quickly in poor than in good holding land, having greater supplies of plant food. What plants there are standing give good promise of crop, but there is generally a thinness of plantation; vermin and birds have also taken their toll of plants.

Parsley plants standing for seed look very well so far, and the deep rooting character of the parsley makes it to a great extent independent of drought.

Parsnip and carrots may be bracketed together, as so far the promise of good crops is decidedly favorable.

Onion is a more difficult crop to deal with. The trade experienced in the past season an unprecedented demand for onion seeds and at the same time there was a scarcity. One result has been that onion bulbs realized two and three times more than their normal value. No stocks of seeds have been held over, the acreage of bulbs planted out for seed is very small, and in view of a scarcity prices are expected to rule high. Year by year we become more and more dependent upon the foreigner for a supply of onion seeds.

The supply of salad radishes is very limited this season. Growers had the advantage of an ideal time in which to prepare the beds; indeed, they have been scarcely so well favored in this respect for years past. But generally the crops have been practically ruined by insects. Cases have been mentioned in which whole beds have been denuded of plants. The insect attack set in just before Easter, and the mischief was done during a spell of strong northwesterly winds.

So far the pea crops look promising, but a drenching rain is highly desirable, and if it does not come soon the early varieties are likely to suffer. It can be noticed as one of the developments of the pea trade that the dwarf dark green wrinkled varieties have attained to great popularity. One advantage of this type of dark pod is that the pods do not take on the old appearance that the pale podded types so quickly do, and they retain their cooking quality longer. Glory of Devon is a pea which has come with a great reputation; it has been described as "Veitch's Perfection 100 times improved." It grows to a height of four feet. The trade done in this type of pea is bounded by the supply; the trade can never get enough to supply orders in full.

So far the promise of flower seeds is good, but those seeds on early dry soils need rain. We seem to be depending more and more upon the foreigner for the popular supply of flower seeds. The novelty of the year is Nicotiana Sanderae, which is in great demand. Gladys Unwin will become popular among sweet peas.

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are now completed. We take orders now for delivery this fall or next spring. Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. BEANS, PEAS AND GARDEN SEEDS. Write for Prices. TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

Mention The Review when you write

Burpee's Seeds Grow

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VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

SEED BAGS for the Trade

A full line in Manila, Fibre and Laid papers, White, Amber and Colored. Printing in large or small quantities, one or more colors, with cultural directions and with or without cuts. Samples and estimates on application.

The Brown Bag Filling Machine Co.

Seed Bag Dept. FITCHBURG, MASS.

Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

PANSIES

Odorous, large spotted Giant Pansies, (new giant-blossomed variety), glorious color display; flowers up to 3 inches in diameter; best kind for bouquets and wreaths. **1000 seeds, 25c; 10 gr., 75c; 100 gr., $6.00.**

Weigelt's Giant-Blossomed Elite Mixture

consisting of Trimardeau Giant, Cassier, Bugnot and Germania varieties, **1000 seeds, 20c; 10 gr., 50c; 100 gr., $3.50.**

FOR ONE DOLLAR

we will send 10 trial packages of our Giant-Blossomed Pansy varieties to the United States, postage prepaid. CASH WITH ORDER.

Catalogue sent free and postage prepaid on application.

WEIGELT & CO.

DEALERS in SEED SPECIALTIES

ERFURT, GERMANY

Please give us a trial order, after which you will become our regular customer.

Mention The Review when you write.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

Apply for prices, stating number wanted.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

EMPEROR

We have an extra fine stock of this **GRAND** Narcissus. Give it a trial. **$12.50 per 1000; $120 per 10,000.** Send for our bulb catalogue.

HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

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RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

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W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

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Florists' Review

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at lowest market prices. Any length and size of wire. Write for estimate on what you will need.

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Send for wholesale catalogue.

HENRY F. MICHELL CO., 1018 Market Street, PHILADELPHIA, PA.

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NOW IS THE TIME

To Order

Johnson & Stokes'

High-Grade French and Dutch

BULBS

Please send us **at once** a list of your requirements and avail yourself of our

SPECIAL ADVANCE PRICES

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217-219 Market St., PHILADELPHIA, PA.

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RELIABLE SEEDS

	Oz.	Trade pkt.
Cineraria Hybrida Nana, giant flowering mixture, 1000 seeds, $1.00		$0.50
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Myosotis Alpestris Victoria, blue	$1.50	.25
" " **Robusta Grandifl.**	1.00	.25
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Special **Cemetery Mixture**	2.50	.50
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INDIANAPOLIS.

Meeting of State Society.

The regular monthly meeting of the Indiana State Society of Florists was held at Cedar Springs, O., on June 6. There was a good attendance, fifteen members going over from this city and being joined by eight others at Richmond. The party was met at Grave's greenhouses by V. D. Grave, Fred Lemon, Geo. R. Gause, John Evans and Geo. Fulle, who conducted the visitors over the establishment, where everything was in fine order. The carnation houses were a great surprise to all, as no one expected to see such fine stock so late in the season. From the Grave place the party went over to Geo. R. Gause's, opposite the beautiful Earlham cemetery, which showed the effects of a good spring trade. Mr. Gause says it was a hard job to hold onto enough plants for stock. From there the party boarded a street car for the city, and, on invitation of The E. G. Hill Co. continued the trip to Cedar Springs, some five miles out of the city, and took dinner. While waiting for the car, Mr. Evans showed with pride Richmond's new federal building, which is a beauty. The parade which John got on short notice was a great success, but next time he promises the band will be in line. On the way to the Springs the party was joined by Joe Hill, Edward Ruch and J. M. Gift and on arrival were taken at once to dinner, which was duly appreciated by the crowd of hungry florists.

After dinner the monthly meeting was called to order and adjourned till July. Bowling was then indulged in for two hours, John Evans and Fred Huckriede choosing sides. The Richmond Challengers defeated the Indianapolis Champions after three very exciting games. No doubt both teams will be heard from in the future as judging by the scores it seems a good many "will be" stars are still in the woods.

On the return trip the party stopped off at the Hill place and from what could be seen, or rather not seen, they are suffering from the same complaint as Mr. Gause, too much spring trade. It is a mighty good complaint to have. Mr. Evans escorted the party to where the Challenge is made, and we were shown just how it is done. By that time it was getting late and the Richmond florists invited the party to supper at the Arlington and here again the boys proceeded to make things vanish as only a lot of hard working florists can do. At 7:30 a car was taken for the return trip to Indianapolis, after a most pleasant day. The thanks of the entire party were given the Richmond boys for the royal treatment received. When at Cedar Springs drink Navajo water. When at the E. G. Hill place drink Glen Miller water. If you don't see it, ask for it, it's fine. When in Richmond drink anything you like; there's plenty of it.

The city florists who made the trip were F. Huckriede, E. A. Nelson, I. Bertermann, F. Harritt, F. Sydney Smith, John Hartje, John Grande, Carl Glaubke, H. Shilling, Ernest Huckriede, M. Nelson, Wm. Hack, J. B. Hatfield, Carl Sonnenschmidt and Alvin Schreiber. Since their return many more have been wishing they had gone, too.

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FORT DODGE, IA.—P. L. Larson says that it has been a good season with him, particularly at Decoration day, when he sold out cleaner than ever before.

FARGO, N. D.—A thief smashed some glass in the greenhouse of Shotwell & Graver June 5, removed a quantity of bedding stock to a conveyance and made his escape.

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Queen of Edgely, Specials		3.00
" " Medium	1.00 to	2.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 8.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10.00
" Ordinary	2.00 to	5.00
Golden Gate	2.00 to	3.00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		3.00
" Select	1.50 to	2.00
" Ordinary	.75 to	1.00
Cattleyas		50.00
Dendrobium Jamesianum		30.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch, 35-60c		
Daisies, White or Yellow		.50
Smilax	15.00 to	20.00
Sweet Peas		.50
Gardenias		12.50
Valley	2.00 to	5.00
Snapdragon	4.00 to	6.00
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Pyrethrum, per bn., $12.50 to $15.00		

SWARTHMORE, PA.—Erisman & Son have had a very fine season's business. There was a big demand for bedding plants and they had three large contracts, for bedding at Swarthmore College, at the Gibbons estate and at Strathaven Inn. They had three large commencement decorations last week

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"	No. 1	4.00 to 6.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
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Killarney		1.00 to 6.00
Meteor		1.00 to 8.00
Orchids, Cattleyas		25.00 to 60.00
Carnations, Common		.25 to .50
" Selects		.50 to .75
" Fancies		.75 to 1.00
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Adiantum Cuneatum		50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
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Lilies		2.00 to 5.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 10.00
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" Short Stems	1.00 to 4.00
Brides, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Carnots, Kaiserins	2.00 to 6 00
Liberty	3.00 to 6 00
Chatenay	2.00 to 6.00
Carnations, Special	2.00 to 3.00
" Select	1.00 to 1.50
" Ordinary	.50 to .75
Lily of the Valley	1.00 to 3.00
Asparagus Plumosus, Strings	35 00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Callas	4.00 to 6.00
Sweet Peas	.50 to .75
Pansies	.25
Gladioli	4.00 to 8.00
Peonies	4.00 to 8.00

Buffalo, June 13.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6 00 to 8.00
" " No. 1	4.00 to 6 00
" " No. 2	2.00 to 3 00
Golden Gate	2.00 to 6.00
Kaiserin	4.00 to 8.00
Liberty	2 00 to 10.00
Meteor	2.00 to 6.00
President Carnot	4.00 to 8.00
Perle	3.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2 00
" Sprengeri, "	1.00 to 3.00
Lilium Harrisii	10.00 to 12.00
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44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

1871 James Hart 1905
(The Original Pioneer House)
Commission Dealer in CUT FLOWERS
117 West 30th St., near Sixth Ave.,
Telephone 626 Madison Square. NEW YORK
EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.
Mention The Review when you write.

ROSES High Grade cut blooms at all times
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SOUTH PARK FLORAL CO.
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PRICE LIST.

AMERICAN BEAUTIES—		Per doz.
Long		$4 00 to $5 00
Fair Length		2 50 to 3 00
Medium		1 50 to 2 00
Short		75 to 1 00
Brides, select	per 100,	5 00 to 7 00
Brides, good average	"	3 00 to 5 00
Bridesmaids, select	"	5 00 to 7 00
Bridesmaids, good average,	"	4 00 to 5 00
Liberty	"	4 00 to 10 00
Chatenay	"	3 00 to 6 00
Golden Gate	"	3 00 to 6 00
Perles, select	"	3 00 to 6 00
Roses, our selection	"	3 00

Subject to change without notice. Packing and Delivery at cost.

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For your decorations for June Weddi

WE NEVER HAN

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VERY FINE HOME-GROW

$3.00 TO $6

WRITE, TELEPHONE OR TELE

KENNICOTT

Wholesale Commission Florists.

40-42-44 Randolph St.,

Automatic Telephone
No. 7655.

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WN STOCK. ALL COLORS.

6.00 PER 100.

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PRICE LIST.

CARNATIONS—	Per 100
Special fancy varieties.....	$3 00
Good average .....$1 00 to	2 00
Harrisii.... .....per doz., $1.50	
Valley, our specialty, best..... 3 00 to	4 00
Daisies ..... 60 to	1 00
Sweet Peas..... 50 to	75
Mignonette ..... 1 50 to	3 00
Smilax.....	15 00
Adiantum	75
Sprengeri ..... 2 00 to	4 00
Asparagus, per string, 30c to 50c	
Common Ferns.....1000, $2 00	25

Subject to change without notice. Packing and Delivery at cost.

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Dealers in Florists' Supplies.

Long Distance Telephone
Central 466.

CHICAGO.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, June 14.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	6.00 to	10.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Kaiserin	3.00 to	8.00
Carnot	3.00 to	8.00
Perles, Firsts		6.00
" Seconds	3.00 to	5.00
Chatenay	3.00 to	6.00
Cattleyas	50.00 to	65.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Peonies	3.00 to	6.00
Callas	8.00 to	10.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies		1.50
Pansies	.25 to	.75
Nasturtiums		.50
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.50 to	1.00
Daisies	.75 to	1.50
Mignonette	3.00 to	8.00
Gladioli	8.00 to	10.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns ....per 1,000, $2.00		.25
Adiantum Cuneatum	.75 to	1.00
Smilax .....per doz., $1.50 to $2.00		

CAMBRIDGE CITY, IND.—Peet & Son are building four new greenhouses and an office.

FARMER CITY, ILL.—John McDonald has leased his greenhouses on East Green street to Anthony Lawson and will retire from business.

GEORGE REINBERG

51 Wabash Ave., Chicago.

WHOLESALE DEALER IN AND GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

Mention The Review when you write.

NOTICE

During last 8 weeks of strike condition, which still continues, the undersigned has shipped all his stock direct from greenhouses to his customers. For 12 years thus served our patrons. It is by far the most satisfactory to both grower and retail buyer, stock being absolutely fresh and handled but once. For balance of season wholesale store at 60 Wabash Ave. will be closed. Please address all messages and letters to

Yours very respectfully,

D. WOOD BRANT

W. Peterson and N. 48th Ave., Chicago, Ill.

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E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

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Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.50

All flowers are perfectly fresh and properly packed.

No charge for P. & O. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

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Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

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19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

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Greenhouses at Hinsdale, Ill.

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Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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Wholesale Growers of and Dealers in **Cut Flowers.**

All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

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Leading Western Growers and Shippers of

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59 Wabash Ave., CHICAGO

Long Distance Phone Central 879.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market

1235-37 FILBERT ST. PHILADELPHIA, PA.

	Per 100
American Beauties, 2½-in. pots	$7.00
Liberty, 2½-in. pots	6.00
Kaiserin, 2½-in. pots, $4.00; 3-in.	6.00
Bride, 2½-in. pots, $3.50; 3-in.	5.00
Maid, 2½-in. pots, $3.50; 3-in.	5.00

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, June 14.

	Per doz.
Beauties, Specials	$3.00 to $4.00
" Extra	1.00 to 2.00
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	4.00 to 5.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	3.00 to 5.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.20 to .25
Peonies	3.00 to 4.00
Candidum Lilies	5.00 to 8.00
Daisies	.25 to .35
Cornflowers	.25

Milwaukee, June 14.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Lily of the Valley	3.00
Sweet Peas	1.00
Daisies	.50
Peonies	4.00 to 6.00

Pittsburg, June 14.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 12.00
" Shorts	2.00 to 5.00
Brides and Maids	2.00 to 8.00
Cusin	1.00 to 6.00
Liberty	6.00 to 15.00
Chatenay	4.00 to 12.00
Perle	2.00 to 6.00
Carnations	50 to 3.00
Adiantum Croweanum	.75 to 1.50
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	1.50 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12.00 to 15.00
Sweet Peas	.20 to 1.25
Daisies, Yellow	.50 to 2.00
Candytuft	.75 to 1.50
Peonies	3.00 to 4.00
Spanish Iris	5.00

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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Wholesale Commission Dealer in

Cut Flowers, Florists' Supplies and Wire Work of all Kinds.

Phone Main 980 128 E. 3rd St., CINCINNATI, O.

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C. E. CRITCHELL,

Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

Asparagus Plumosus, 10 feet long, extra heavy, 50c per string.

"Green Goods" are my Specialties

36 East 3rd St., CINCINNATI, O.

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LOUIS H. KYRK

Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 & 112 E. 3rd St., Cincinnati, O.

Receiver and Shipper of Cut Flowers.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Geo. H. Angermueller

Wholesale Florist

Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, June 14.

	Per 100
Beauties, Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.50 to .75
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, June 14.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$3.00 to $8.00
Meteors	4.00 to 10.00
Carnations	1.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	3.00 to 4.00
Sweet Peas	.50 to .75
Peonies	50c to 75c per dozen

THE REVIEW will send Smith's Chrysanthemum Manual on receipt of 25c.

THE orders show the facts: that the REVIEW is all right as an advertising medium.—B. H. HAVERLAND, Pleasant Run, O.

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St, Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

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Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

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ST. LOUIS.

The Market.

Business with the local florists the past week was fairly good, with weddings, school commencements and funerals. The school board again announced that no flowers should be sent to commencement exercises and this, of course, had a disastrous effect on the trade, still quite a lot of work was made up and sent to the homes of the graduates. In the last few days of the week the hot weather completely demoralized the cut flower trade and stock became quite plentiful again at the wholesale houses, especially in roses and carnations, but quality of both of these is not very good, roses being somewhat off in color and carnations are small. Prices have also dropped a few cents again on all stock.

Sweet peas have been a glut the past week. These are selling very cheap in thousand lots. Tracy and Blanche Ferry have the best call. White and lavender, too, are very much used in funeral work.

Lily of the valley had a big call last week, owing to so many weddings taking place. A. Berdan, of Kirkwood, Mo., sends in a fine lot each day. Candidum lilies are arriving in large lots, and bring from $6 to $8 per hundred stalks. Cornflowers and Jacqueminot roses are expected in this week. Everything in the "green" line is plentiful.

Club Meeting.

One of those pleasant outdoor gatherings of the local club took place June 8 at John Steidle's place in Central, Mo. This meeting was attended by thirty-three members and most of them were accompanied by their ladies, as per the request of Mrs. Steidle. The members took the one o'clock car, which took us to where Brother Steidle was in waiting with conveyances and we were taken to his home, which was two miles away.

After an inspection tour through this well kept place, where nothing but fancy stock grows, the meeting was called to order under two large shade trees in the rear of the greenhouses. Five new members were elected, as follows: George Angermueller, wholesaler; Henry Lohrenz, retailer; Ed. Hicks, Jr., and Henry Aue, growers, all of St. Louis, and H. F. Foreman, grower, of Louisiana, Mo. The trustees were instructed to arrange for a picnic the latter part of July. J. J. Beneke was appointed to act as a committee of one on transportation to the S. A. F. convention.

The question of incorporating the club came up and brought out a great discussion. It was finally left to a committee of two, J. F. Ammann and J. W. Dunford, to report at the next meeting. Otto Koenig, chairman of the show committee, made a report, after which the club adjourned to meet on July 13, when the nomination of officers takes place.

After adjournment a fine lunch was spread on the lawn near the residence, at which nearly sixty were seated. After drinking the health of Mr. and Mrs. Steidle, and also to the speedy return of our brothers, F. C. Weber and Theo. Miller, who are now in foreign lands, the president called on a few members to make short talks.

After lunch the members were invited by A. Jablonsky to visit his place, only a hundred feet away, where he is just finishing the houses, which contain 25,000 feet of glass for roses and carnations. They are being built by Mr. Thompson and contain the Wolf improved cable ventilating apparatus. Returning to Mr. Steidle's place, the gathering started for home and all express themselves as never having spent a more enjoyable time. The ladies, too, are loud in their praise of the hospitality of Mrs. Steidle. The ladies present were Mesdames Meinhardt, Bentzen, Schray, Berning, Beneke, Scott, Weber, Jablonsky, Guy, Fehr, Juengel, Koenig, Klockenkemper, Fillmore, Steidle and Misses M. and L. Meinhardt and Clara Felwanch.

Various Notes.

Wm. Meyer, of Kirkwood, bought the entire outfit of Max Herzog, at Gratiot, and has started to remove the houses, boiler and plants to his place.

Max Herzog has bought a fine residence on Arsenal street, in South St. Louis, where he will make his home.

Arthur Ellison and his father have returned from their trip south. Arthur says they had a good time, but he found no bowling alleys to practice on while away. He will start Monday night to get in trim for Washington.

Charles Schoenele says the report of his leaving bachelorhood was a little premature. He took the joke good naturedly and his many friends in the trade had a good deal of sport at his expense.

The florists on Grand avenue and Olive street had quite a busy week with school work. Among them are Geo. Waldbart, Ellison Floral Co., Mrs. M. Ayers, Mary Ostertag and Miss Newman.

The picnic committee, Messrs. Guy, Ammann and Fillmore, will be pleased for any suggestions from any of the members which will make the outing one of the best ever given by the club. Suggestions must be in before the next meeting of the club, July 13, as the outing will take place a week later.

The bowling club is contemplating a big bowling night on Monday, September 4, at the Palace alleys in honor of two of their members, Messrs. Weber and Miller, on their return home, to which the entire membersip of the St. Louis Florists' Club will be invited for a general good time.

Bowling.

The bowlers met again on Monday night and made the following scores:—

Player.	1st	2d	3d	4th	5th	6th	T'l
Beneke	187	214	165	158	214	177	1115
Kuehn	164	139	147	148	145	176	919
Gerlach	120	126	206	144	142	117	855
Lohrenz	111	104	159	142	175	...	691
Meinhardt	184	115	114	118	...	...	531
Ellis	126	156	141	...	...	...	423
Adels	135	130	109	...	...	...	374

J. J. B.

MONTREAL, QUE.—Fraser Bros. are handling consignments of Belgian palms at their auction rooms.

SUMMER RIBBONS
Don't let your stock run out just because vacation time is here.
Good ribbons are always handy to have about
For FUNERALS, WEDDINGS, etc.
Samples Free
The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH ST. 52-54 N. EIGHTH ST.
Mention The Review when you write.

Everblooming Roses
Surplus stock of standard varieties of EVERBLOOMING BEDDING ROSES at prices that will close them out.
Strong, healthy stock from 2½-inch pots, to include Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen Scarlet, etc.
Strictly our choice of varieties in good assortment. $2.00 per 100; $17.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.
Mention The Review when you write.

Orchids Arrived in splendid condition direct from the woods the following Orchids: Cattleya labiata, C. Warneri, C. Dowiana, Laelia flava, Miltonia Candida, Dendrobium chrysotoxum and Burlingtonia fragrans. Write for special list, also Catalogue of established Orchids.
Lager & Hurrell, Growers and Importers... Summit, N. J.
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

JOSEPH HEACOCK
WYNCOTE, PA.
Grower of
Kentia Belmoreana and Kentia Forsteriana

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

J. J. Habermehl's Sons

Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

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RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

Julius Baer,

138-140 E. Fourth Street,
Long Distance Phone.
Cincinnati, Ohio

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

ATLANTA FLORAL CO.

41 Peachtree Street, **ATLANTA, GEORGIA**

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.
Long Distance Phone Bell Lindell 676.

Your orders for

LOUISVILLE, KY.

will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

HUGH GRAHAM CO.
PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

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BUFFALO, New York.

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PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

PRATT & GIGER,

FLORISTS AND DECORATORS
NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street **ST. LOUIS, MO.**

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

Alexander McConnell

546 FIFTH AVENUE
Cor. 45th St., N. W.

NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : : :

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WESTERN UNION CODE

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2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144L. 104 So. Carolina Ave.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

LEIKENS

Near the Waldorf-Astoria
7 E. 33rd St., New York City.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON
ST. PAUL, MINN.

You Will Find...

ALL the **BEST** offers
ALL the time in the
REVIEW'S
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PACIFIC COAST.

BUDDING ROSES.

We are now at the season for budding roses and as this has been a favorable spring for the growth of the various varieties of wild stock used, the stems should be large enough to bud easily. With some of the varieties, however, there may be difficulty in procuring buds for the same reason, and it may be a couple of weeks before well ripened scions can be depended upon. This is particularly noticeable with some of the fast-growing climbers, as well as with a few varieties like Niphetos and Marechal Niel, which seem to have no dormant season during the summer months.

On the Pacific coast the larger rose growers have discarded almost all the wild stocks that succeed well in both the east and Europe, except Manetti, and even this stock is not used as extensively as formerly. None of the briar roses are planted at all for this purpose, as it has been thoroughly demonstrated that our long periods of summer dryness are not suited to the requirements of any of the foreign rose stocks.

We have the native Castilian rose in California, which was also formerly used to a considerable extent, but owing to the fact that it is difficult to root and does not make a large stem, we were compelled to discard it. This rose had many points in its favor. It is very long-lived, makes a perfect union with the scion and was suited to the majority of roses.

Manetti, of which I spoke, is used only for some hybrids and Niphetos, a variety that does not succeed as well on anything else. It is inclined to sucker, but is very tenacious of life, although unsuited to the majority of our most popular varieties.

Baltimore Belle has been in great favor for a number of years, especially as a stock on which to grow teas or climbers, but is not suitable for but a few hybrid varieties. It is only used, however, for the bush form of roses and it has proven itself entirely unfitted as a stock for standard or tree roses, the objection to it being that it scalds badly in the sun and has a tremendous tendency to sucker, both from the collar and the roots.

Prairie Queen suits a few varieties, but it cannot be relied on to prove long-lived and roses budded on it seem to do well for a season or two, but eventually they die out. Gloire de Rosamond is still used for a few varieties of standards and makes a good stock.

The best all-round wild stock, however, is De la Grifferie. This has been actively used here for about fifteen years, and has proven satisfactory. It makes plenty of roots, a heavy stem, but few thorns and does not sucker much from the roots. The only objection to it is that its growing season is shorter than the other sorts I have mentioned, and it must be taken just at the proper time to have the bark lift right. From 10,000 to 12,000 bush roses are grown on an acre of ground here and about half that quantity of standard or tree roses, and this branch of the nursery business has proven among the best paying in California in recent years. G.

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45 00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.

Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

SEATTLE, WASH.

Jottings of Interest.

The volume of business of the Seattle Florists' Association has increased so much that at the regular monthly meeting held on Tuesday, June 6, it was decided to meet twice a month, on the first and third Tuesdays. J. J. Bonnell was to have read a paper, "The Growing of Outdoor Roses for Market," but on account of so much time being taken up with the preliminary schedule for the chrysanthemum show it was held over for two weeks. Mr. Bonnell supplies the Seattle market with fine, long-stemmed Ulrich Brunners all summer and fall and they are sold in the stores for American Beauties. There is an opening here for some one to grow Beauties. A few come from California, but none of the local growers have them in quantity.

I think the honor of being the farthest greenhouse north belongs to the small one in Nome, Alaska, on the edge of the Arctic circle, where in winter there are only two hours of grey daylight. It is about 20x50 feet and is heated from the exhaust steam from the electric light plant. Part of it is used as a chicken house. The prices obtained are startling. Eggs, $4 per dozen; lettuce, 25 cents per leaf; radishes, 10 cents each.

A good business is done by the flower stores in steamer trade for Alaska, and the call is for Dorothy carnations, which seem to last the best and arrive in good shape at Nome after a twelve days' voyage.

Ed. Marriott and wife accompanied Al Peterson and family on their European trip.

E. Donaghue, lately employed in McCoy's flower store, has gone to Nome, Alaska, to get a glimpse of the midnight sun.

Mr. Klehm of Olympia, Wash., was a visitor Monday, looking up material for a house 20x150 feet.

Chris. Jackomson is building two houses 20x100 at South Seattle.

W. A. Brown, our fruit inspector, has bought two greenhouses from the city dads and is rebuilding them at Green Lake. They will be about 16x100 feet each, with concrete walls.

The Puget Sound Nursery & Seed Co. has taken a novel way of starting greenhouse work. They recently bought a tract of twenty-six acres at Renton Junction, with considerable timber on it. A sawmill has been put up and they are hard at work sawing out the lumber needed for a large range of glass. They will also move the eight houses they have on Taylor avenue to their new location. A. B.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, Amaryllis Johnsoni and Belladonna, etc., now digging. Can deliver in any quantities end of June and July.

Rees & Compere P. O. Address: R. F. D. No. 1, Long Beach, Cal.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

CALIFORNIA FIELD-GROWN

Freesia Bulbs.

Per 1000		Per 1000
¼ to ⅜-inch bulbs, $1.25	⅜ to ⅝-inch bulbs,	$3.35
⅜ to ½-inch bulbs, 2.05	Mammoth bulbs...	6.40

Bulbs delivered, express prepaid.
Rates on orders for over 5000.

H. N. GAGE, Burnett, Cal.

Mention The Review when you write.

PORTLAND, ORE.

The Lewis and Clark Exposition became a reality when, on June 1, it was opened with pomp and all due ceremony and an attendance of 40,000. It was a memorable day in the history of the city, business being practically suspended to allow all citizens to participate in the great event.

On June 3 the annual flower show of the Portland Rose Society took place in Festival Hall on the fair grounds. Heretofore amateurs only have interested themselves in these annual shows, but this year the society and exposition officials induced the florists to make displays by offering Lewis and Clark medals. The hall was handsomely decorated for the occasion, under the supervision of George Otten, who deserves all the credit given him by the local press. The decorative material consisted of huckleberry and briar rose branches studded lavishly with garden

NEPHROLEPIS PIERSONI

Elegantissima

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

roses. Cool, damp weather prevailed and, while favorable for the flowers, affected the attendance somewhat. Nevertheless, society people were out in force and showed great appreciation. The professional displays were staged on a large scale, consisting of both cut flowers and plants and were the center of attraction.

The prizes were awarded as follows: First, gold medal, to Clarke Bros.; second, silver medal, Martin & Forbes; third, bronze medal, Geo. Otten; fourth, honorable mention, F. H. Lind. In the amateur class F. V. Holman received first prize, Fred Mathews second, Mrs. Herbert Holman third, Mrs. G. D. Greene fourth. The rivalry among the amateurs was keen, there being a number of fine exhibits in that class. The gold medal display of Clarke Bros. is shown in the illustration on page 187 of this issue. H. J. M.

SAN FRANCISCO.

The Market.

The last of our big days are over for a while, and we can make a recapitulation with safety. Speaking from the standpoint of the retailer, business this season has been rather peculiar. About the same amount of stock has been handled, but, owing to the continued spells of freaky weather, it has been handed to us in fits and starts. The prices realized for the most part have been up to those of former seasons, and the profits made by the retailers will average as good as usual. With many of the larger growers poor crops have been the rule and this has been especially noticeable since the end of March. Even at this time carnations are scarce, and really good roses are hard to procure. I think this is principally due to the extraordinary hot weather we had during March, when all the flowers that usually mature in April and May flowered weeks ahead of time. With other classes of stock there has been better success. Lilies were plentiful at Easter, and have been so ever since. Bulbous stock of all kinds was in good supply and sold well. Hardy outside stock is now being received in good quantities and helps in the windows.

There are many more growers this year than last, but the demand seems to keep pace with the supply, and good stock can easily be disposed of. We are now up to our summer dullness and save for a few wedding and funeral orders there is absolutely nothing doing. We have had considerable work for the various school commencements but that is all over for six months to come.

Various Notes.

The marriage of Miss Esther Macdonald and Fred Seulberger, horticultural commissioner of Alameda county, was solemnized in Oakland on Tuesday of last week.

The Holland Nursery Co., of Elmhurst, is putting glass on two new carnation houses. Their stock throughout looks remarkably well.

Luther Burbank has promised something startling in the line of quick-growing walnut trees.

The California glass manufacturers are offering a good quality of greenhouse glass this season which is being used by many of the coast growers in preference to the imported or eastern article. Heretofore the local glass has been of poor color and did not sell well, but that trouble has been overcome and the glass that is now made here seems to suit the growers in quality and price.

The California State Floral Society has appointed the various committees and made arrangements for the fall exhibits to be held in the Ferry building next October.

Mrs. E. A. Kersey, of Haywards, has offered her stock of narcissus and daffodil bulbs for sale. She has one of the most extensive fields on the coast.

Miss Wallenberg, of Sutter street, had a decoration on Wednesday last in which she used 200 dozens of Estelle carnations.

The extensive business of the late M. Lynch, of Menlo Park, will be carried on in future under the direction of his widow and sons. G.

DES MOINES, IA.

The unsecured creditors of W. L. Morris are dissatisfied with the course affairs are taking in his bankruptcy affairs and propose to contest the validity of a chattel mortgage representing the claim of a Chicago creditor, which it is asserted was given for the purpose of preferring that creditor as against the others. It is asserted by some of the unsecured creditors that if things take the course now in prospect the assets will be bid in for the amount of the secured claims, which will result in a total loss for all others, but this is wholly dependent upon there being no other bidder at the approaching public sale. Any creditor is at liberty to drum up a buyer. There should be a good profit in the purchase at a figure considerably above the total of secured claims.

NEW ORLEANS.

At the Metairie Ridge Nurseries, Harry Papworth has the material on the ground for the largest range of cut flower houses in this vicinity. New Orleans has looked to the north for its cut flower supplies, but Mr. Papworth will see what can be done toward producing stock here at home. While at Chicago early in the spring he placed an order with the Moninger Company for material for six houses, 27x264 feet, which will be hastened to completion and planted with roses, carnations, etc. If this range of houses proves profitable it will be followed by others under Mr. Papworth's management, and his example will no doubt be followed by other local growers.

ASHEVILLE, N. C.—In the grounds of the Idlewild Floral Co. is a Crimson Rambler that will take first prize in any contest. The bush covers a space perhaps ten feet square; is from one stem; spreads and falls gracefully over a wooden arbor placed for its support and again reaches the ground. The blossoms cluster together like grapes and it is estimated that the one bush contains more than 5,000 trusses of flowers. It can be seen for blocks.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E W Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden Springs, Ind., June 14-17, 1905.

THE European nurserymen say that trade conditions are more active in America than in any other country in which they have connections.

A LOCAL Massachusetts nurseryman says that this spring pear trees could scarcely be given away, apple trees were in good demand and of peach trees he could not get enough.

THIS spring a number of nurseries made their first plantings of hardy herbaceous stock. Growers who understand handling this class of material are reported in demand.

GEO. T. POWELL contributed a half-page illustrated article on tree-planting to the New York Sun of Sunday, June 4, in which he discoursed interestingly on our best native sorts.

FOR lawn planting the imported cut-leaved, purple-leaved and weeping beeches make beautiful trees. They should be planted as single specimens and where they have an abundance of room.

IN spite of recent reports of damage by frost, the Georgia peach growers are preparing to harvest a crop many trainloads heavier than that of last year. And still the call for peach trees is unabated.

WEST BADEN, IND., June 14.—The annual convention of the American Association of Nurserymen opened here this morning and long before the call to order it was demonstrated that the activity of the program committee had borne fruit in an attendance which exceeds previous records. Every section of the country is represented. It has been a successful season for everyone and there is a general feeling of satisfaction and confidence which is reflected in the interchange of orders for stock as well as on the convention floor. The program will be carried out with few changes but it will take a rigid adherence to the time schedule.

TO GROW ROSES.

The following is from the Fulton, Ky., Leader of June 10:

A vast flower garden of 3,000 acres is what Ohio horticulturists propose to establish in the delta section of Mississippi. They propose to have a very large rose farm and ship roses and cuttings to every part of the United States. During the last week 3,000 acres of land in Tallahatchie county, Mississippi, near Tutwiler, on the Lake Cormorant branch of the Yazoo & Mississippi Valley railroad, have been purchased. The promoters of the scheme are John M. Good, L. Verney, C. T. Ridgely, Edwin S. Houck, C. W. Welsh and L. P. Jop, all of them being from Springfield, O.

Memphis has been decided upon as the distributing center. Arrangements will soon be made for early planting in the spring. The first season's cuttings will be planted for the following season's marketing.

H. R. COTTA, the Rockford, Ill., nurseryman, recently fell down an areaway while doing some planting and tore the muscles of one leg.

THE Pacific coast nurserymen hold their annual convention in June, the Texas men in July, and the southeastern growers meet at Asheville in August.

E. Y. TEAS is said to be the oldest nurseryman in Indiana, and he is certainly one of the oldest in the country, for he began in 1847. At present he confines himself to perennials and bulbous plants.

IT is feared that the poor results with the southern strawberry crop will have effect on next season's business in strawberry plants, though the growers lay much of the blame for lost shipments upon the refrigerator car lines.

THE European horticultural publications have let up on the "ornamental horticulturists" appendage to the S. A. F. to take a few cracks at the American characteristic as they see it shown in the time allowances for the nurserymen's convention this week. This is from the Gardeners' Magazine: "The American Association of Nurserymen appreciates the value of time, and the proceedings at its thirtieth annual convention are arranged to the minute. Reports of various committees are to occupy not more than five minutes, papers vary from fifteen minutes to an hour, and discussion is limited to ten or fifteen minutes. Even the election of state vice-presidents is to be concluded in five minutes. No less than eighteen papers are to be read and discussed. If our own Tuesday meetings could be scheduled and timed on some such lines, some folks we know would possibly find time for lunch."

DWARF BOX!

3 to 5 inches. $25.00 per 1000. 2 to 4 inches. $20.00 per 1000.
SPECIMEN EVERGREENS in assortment. Prices upon application.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

VAN DER WEIJDEN & CO.
THE NURSERIES, BOSKOOP, HOLLAND.
Wholesale Growers and Exporters of all kinds of Nursery and Florists' Stock. Hardy plants and shrubs for outdoor planting. Fine ornamental stock for landscape work. H. P. Roses, Crimson Ramblers, Climbing Plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices.
NO AGENTS. FOR THE TRADE ONLY.
Mention The Review when you write.

IMPORTANT.
We are growing 500,000 Roses of the best leading varieties of Hybrid Perpetuals, Hybrid Teas and Climbers in 2-inch pots. Prices low if orders are given now for next spring's delivery.
A large assortment of Shrubs and Evergreens for transplanting. Do not wait. Let us book your order now. You will save money.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

PEONIES 200 Choicest Varieties Large Stock.
LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants
Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.
Mention The Review when you write.

PEONIES.
Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY,
504 W. Peterson Ave., CHICAGO, ILL.

FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

YOU CAN PLANT AT ANY TIME
Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, **CHICAGO.**
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

SURPLUS ROSE PLANTS!

300	Mme. Chatenay, 3½-inch	Own Root	$8.00 per 100
1000	Perle des Jardins, 3-inch	Own Root	7.00 "
500	Gen. MacArthur, 3-inch	Own Root	8.00 "
500	Gen. MacArthur, 2½-inch	Own Root	6.00 "
300	Mildred Grant, 3-inch	Own Root	10.00 "
300	Papa Gontier, 3-inch	Own Root	7.00 "
1000	Bridesmaid, 3-inch	Own Root	5.00 "
500	Brides, 3-inch	Own Root	5.00 "
400	Mme. Hoste, grafted 3-inch		$8.00 per 100

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

Mention The Review when you write.

ROSES! From 2 1-2 Inch pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALIND ORR ENG.	25.00	200.00
AMERICAN BEAUTY	5.00	40.00
LA DETROIT	6.00	50.00

AMERICAN BEAUTY—Bench plants ..... $5.00 per 100; $40.00 per 1000

	Per 100	Per 1000
PERLE von Godesberg	$5.00	$40.00
LIBERTY	5.00	45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, 51 WABASH AVE., CHICAGO

Mention The Review when you write.

Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.
Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

Mention The Review when you write.

An Extra Fine Lot of Roses in

WOOTTONS, KAISERINS, MacARTHUR

Ready to plant out. Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace

Dissemination 1906. Early. Commercial.

$ 2.00 per doz.
12.00 per 100
100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

OLD BEAUTY PLANTS FOR SALE

Choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 per 1000, at Hinsdale, Ill.

BASSETT & WASHBURN

Office: 76 Wabash Ave., CHICAGO.

Greenhouses: HINSDALE, ILLINOIS.

Mention The Review when you write.

ROSE PLANTS

OWN ROOTS. STRICTLY FIRST-CLASS STOCK.

De Brabant,	White Rambler,	White Maman,	Pink Rambler,
Ivory,	Clothilde Soupert,	Duchess of Albany,	Yellow Rambler.
Meteor,	Etoile de Lyon,	Helen Gould,	Hermosa.
The Bride,	Marechal Niel.	Malmaison,	Phila. Rambler.

From 2½-inch pots, $2.25 per 100; $18.00 per 1000.

Crimson Rambler,	Perle des Jardins,	Gen. Jacq.	Kaiserin Aug. Vic-
La France,	Vick's Caprice,	P. C. de Rohan,	toria,
Mme. Chas. Wood,	Capt. Christy,	Mme. Plantier.	Sunrise,

From 2½-in. pots, $3.00 per 100. $25.00 per 1000.

C. M. NIUFFER, Springfield, Ohio.

Mention The Review when you write.

Chatenay—Uncle John—Perle

A limited supply extra fine plants.

THE GASSER COMPANY

EUCLID AVENUE,

CLEVELAND, - - - OHIO

Roses and Mums!

ROSES—Standard list of good varieties, $3.00 per 100; $25.00 per 1000.
MUMS—All the best commercial kinds, $1.00 to $2.00 per 100.

BURDELL FLORAL CO., Bowling Green, Ky.

PURCELLVILLE, VA.

Death of W. S. Davis.

The following account of the life and death of Mr. Davis is taken from the local newspaper and serves to show the esteem in which he was held in his community:

On the morning of May 25 the friends and relatives of W. S. Davis were shocked by the news of his sudden death. Mr. Davis had not been well a few days before, but retired on Wednesday night in apparently his usual health. Between 3 and 4 o'clock the little daughter, who is only twelve years of age, was awakened by moanings coming from her father's room. She fearlessly arose and hastened to his bedside. With a child's tenderness she tried to arouse him. Failing to do so, she performed a most remarkable act for a child, she ran to the telephone and summoned the cook to her assistance and also Dr. Hackley, who resides in the town. The cook being unable to bring to sense the spirit that was then struggling with death, this brave and devoted little daughter ran for her grandfather, A. B. Davis, whose residence is about twenty yards distant. When she returned with him death had closed his icy fingers about the struggling form and all was still. God had claimed his own.

On Wednesday morning, being assured by her husband that he had entirely recovered from the slight disability of a few days before, Mrs. Davis went with some friends to Washington. She returned on the first train Thursday in response to a telegram to find the sad news of her husband's death awaiting her.

W. S. Davis, son of A. Boone and Susanna S. Davis, was born Sptember 3, 1867, at the home where he spent his short life of nearly thirty-eight years. While yet a boy he showed a great love for flowers and the work in his father's greenhouse. This love, accompanied by a rare talent, characterized his life and brought him almost unparalleled success as a florist and specialist in carnations.

In October, 1891, he was married to Miss Lillian Simpson, of North Fork, and after fourteen years of happy, prosperous married life, she, with one daughter of twelve years, is left to mourn her great loss amid the deep sympathy of many friends.

The first dream of his boyhood was pretty flowers—the last act of his life, so far as is known, was to prepare two large bonquets, as a personal donation, to be strewn upon the graves of the Confederate dead in the cemetery at Leesburg.

From a small beginning he developed one of the largest retail trades in flowers in the United States, extending into every state and territory, and even into foreign countries. Each year he added new greenhouses, but finally the trade became burdensome to him, on account of the difficulty of securing suitable labor, and he disposed of the foreign retail business and in recent years had devoted all of his energies to the growing of carnations for the wholesale markets, and was known to floral circles as a leader in producing these sweetly-scented flowers. For many months past every carnation that entered the White House was grown by W. S. Davis. He had not only improved many of the old varieties, but had produced many new ones.

As a citizen he was honored and respected by all who knew him. He was one of those quiet, unobtrusive, temperate-in-all-things gentlemen whom you seldom meet. The county, as a whole, will regret his death.

On Friday afternoon the funeral services were held at Friends' Meeting House, Lincoln, the deceased having been a member of the Society of Friends. Among the flowers, so appropriately laid upon the grave, was a beautiful wreath of red carnations, the Red Sport of Macee, which variety was this season distributed to the trade by Mr. Davis.

Rooted Cuttings and Plants.

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100
American Beauties	$5 00	$45.00	$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4.50	40.00	6.00
Perles			5.00

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100
Golden Gates	$3.50	$30.00	$5.00
Bridesmaids	4.00	35.00	5.00
Brides	4 00	35 00	5.00
Sunrise	4.00	35.00	5.00

Cut Back Bench Beauties, $45.00 per 1000. **Meteors, Maids, Brides, Gates, Chatenay, Perles,** $2.50 per 100.

CHRYSANTHEMUMS.

White.	R. C Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Kalb	1.50	2.50
Robinson	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Wanamaker	1.50	2.50
Timothy Eaton	2.00	3.00
W. Bonnaffon	2.00	3.00
Chadwick	2.50	3.50
Crawford	2.00	3.00
Merry Christmas	1.50	2.50
Yellow.		
Monrovia	2 00	3.00
Parr	1.50	2.50
Sunshine	1.50	2.50
Whilidin	1.50	2.50
Halliday	1.50	2.50
Appleton	2.00	3.00

Yellow.	R. C. Per 100	2½-in. Per 100
Bonnaffon	$1.50	$2.50
Reiman	2.50	3.50
Yellow Eaton	2.50	3.50
Chautauqua Gold	2.00	3 00
Nagoya	2.00	3.00
Pink.		
Lady Harriet	2 00	3.00
Pacific	1.50	2.50
V. Morel	2.00	3.00
Perrin	1.50	2.50
Xeno	2 00	3.00
Maud Dean	1.50	2 50
Quito	1.50	2.50
Pink Ivory	1.50	2.50
Shaw	1.50	2.50
Lady Hanham	2.00	3.00
Red.		
Intensity	2.00	3.00
Shrimpton	2.00	3.00

NEW VARIETIES.

White.	R.C. Doz.	2½-in. Doz.	2½-in. Per 100
Emily Mileham	$4.00	$5.00	$40.00
Mme. Paul Sahut	4.00	5.00	40.00
N. Pockett (cream)	.50	.75	4 00
Majestic (per 100)	10 00	....	15.00
Adelia "	10 00	....	15.00
Yellow.			
Mrs. Wm. Duckham (cup winner)	6.00	7.50	60 00
Merstham Yellow	4.00	5.00	40.00
Kimberly	.60	.75	....
Prima	.60	.75	....
Plumridge (per 100)	2.00	....	8.00
T. W. Pockett (per 100)	1.50	....	2.50

Pink.	R.C. 100	2½-in. Per 100
American Beauty	$2 50	$4 00
Cobbold	2.50	4.00
McNiece	2.50	4.00
Ben Wells (light pink)	2.50	4.00
Leila Filkins	2.50	4.00
Etherington	2.50	4.00
Dr. Enguehard	2.50	4.00
Marie Liger	2.50	4.00
Coombes	2.50	4.00
Wm. Duckham	2.00	3.00
Red.	R. C. doz.	2½-in. doz.
Sport of Duckham	$1.50	$2.50
Lord Hopetoun	.75	1.00

STEVIA.

Rooted Cuttings, per 100	$1.50
Rooted Cuttings, per 1000	12.50
2½-inch, per 100	$2.50
2½-inch, per 1000	22.50

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.....OF.....
Chrysanthemums

Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10.00 per 1000.

VIOLETS, from 2-inch pots.

Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell doubles, all at $2.50 per 100; $20.00 per 1000.

Eli Cross, Grand Rapids, Mich.

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ALL the **BEST** offers
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ENGLISH IVY, 4-in., $1.50 doz.; $12.00 100. **COBAEA SCANDENS,** 4-in., $1.00 doz.; $8.00 100.

CANNAS—Burbank, Alemannia, Souv. de Antoine Crozy, Francis Reif, Austria, Duchess of Marlborough, Mme. Louis Druz, Kate Gray, Robert Christie, 4-inch, $1.25 doz.; $10.00 per 100.

Ageratum, 4-inch, $8.00 100. Caladium, 5-inch, $15.00 100. Castor Beans, 4-inch, $8.00 100.

Begonia Vernon, 4-inch, $8.00 100. Petunias, 4-inch, $8.00 100. Salvia, 3-inch, $6.00 100.

All are plants in first-class condition and sure to please.

PRICE LIST OF PALMS AND FERNS

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.00	25.00
" "	7	34-36	6	$2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	7	32-36		2.00	24.00	
" " Single	8	34-38	5-6	2.50	30.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
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Phoenix Canariensis. beautiful specimens in tubs.				40.00		
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" "	5		3-5 tiers	.75	9.00	
" "	6		3-5 tiers	1.25	15.00	
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Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	
Pandanus Veitchii	6			1.00	12 00	
" "	7			2.00	24.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	9			$3.00	$36.00	
Poa Trivialis Var	3	Fine for Ferneries				$ 6.00
Crotons	3				1.50	
"	4				3.00	
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Adiantum Cuneatum	4				1.50	12.00
"	5				2.00	15.00
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
"	5				5.00	
"	7				9.00	
" Terminalis	6	22-24		.75	9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					
"	3				1.00	3.00
"	4				1.00	8.00
" Sprengeri	3				50	12.00
"	4				1.75	6.00
"	5				.50	10.00
"	6				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
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Boston Ferns	8			1.25	15.00	
"	12			3.00		
Japanese Fern Balls, in leaf					4.00	

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AMERICAN BEAUTY

	Per 100.	Per 1000.
Plants from bench	$5.00	$40.00
Fine stock from 3-in. pots.		
MAIDS	3.50	30.00
BRIDES	3.50	30.00
GOLDEN GATES	3.50	30.00
IVORY	3.50	30.00
CHATENAY	3.50	30.00
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SURPLUS Rose Stock

Fine clean, cool grown stock of the following varieties.

	From 3-in. pots Per 100
BEAUTIES	$5.50 to $6.00
BRIDES	3.50
MAIDS	3 50
KAISERIN	3 50
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Satisfaction guaranteed or money returned.

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CHRYSANTHEMUM Novelties

and Standard Kinds. If you are short of stock for planting better write me about it. I have a good stock on hand. Prices Right. Goods Right. **CHAS. H. TOTTY, MADISON, N. J.**

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The new early Yellow Chrysanthemum Easy to grow. Easy to sell and sold at the very easy price of $8.00 per 100; $60.00 per 1000. We have a big stock, having grown it for three years and offer it at a rate that enables every grower to fill a bench.

Testimonials by the dozen if you want them.

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AUBURNDALE, MASS.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

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OAKLAND, MD.

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ROSES

We grow over 100,000 Annually.

VARIETY	2x2½-in.	2½x3-in.	3x3-in.
Brides	$2.50	$3.50	$5.00
Maids	2.50	3.50	5.00
Golden Gate	2.50	3.50	5 00
Ivory	2.50	3.50	5 00
Meteors	3.00	4.00	6 00
Souv. de Wootton	3.00	4.50	6.00
Kaiserin Aug. Victoria	3.00	4.50	6.00
Perle des Jardins	3 00	4.50	6.00
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Gen. MacArthur	6.00	7.50	12.50
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American Beauties	6.00	8 00	12.50

Get your order in early and we will ship when wanted. **Write for list of Chrysanthemums.**

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FIRST-CLASS ROSES FOR SALE

3½-inch pots, $6.00 per 100.

BRIDE.	HOSTE.
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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address

John G. Esler, Sec'y., Saddle River, N. J.

WASHINGTON.

The Market.

Business for the past week has been practically at the summer level. With the exception of a few commencements and funeral work, everything is quiet. Stock of all kinds seems very poor and scarce. The weather has been very cool for this season of the year, which causes quite a lot of outdoor spring stock to still hang on.

Club Meeting.

The regular meeting of the Florists' Club was held on June 6 with over half the members present, quite a showing. The various committees all report progress. Superintendent Cooke reports that the exhibition spaces are being rapidly taken up but from present indications some may be left. The entertainment committee offered quite a few suggestions for various trips for the future action of the club.

Capt. Ernest, of the bowling club, is getting his team in shape for weekly practice. Capt. Kramer, of the ladies' team, is getting his team in shape, having practice games twice a week. He has also added several prizes to the ladies' list.

Various Notes.

F. H. Kramer is breaking ground for a new carnation house 35x300 feet, even span, to be devoted mostly to his new seedling, the F. H. Kramer, and Lawson.

Outdoor carnations in general are doing nicely. The season has been very good. Quite a few are getting ready for planting young rose stock.

A. Gude & Bro. were worked hard for the funeral of Mr. Wilkins, editor of the Washington Post. The most notable design, which did the firm credit, was the front page of the Post, representing the full page of a newspaper.

F. H. K.

TARRYTOWN, N. Y.—The seventh annual show of the Tarrytown Horticultural Society will be held in Music Hall November 1 to 3. The premium list is a neat pamphlet containing the lists of members as well as the prize lists. There are many special prizes. E. W. Neubrand is secretary.

PALMS, FERNS and all Decorative Stock.

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BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

Something fine for Lawn, Hotel, Piazza decorations.

PHOENIX..... CANARIENSIS

Ask for prices.

Julius Roehrs Co., Rutherford, N. J.

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ROSES for Immediate Effect

Haven't you in your trade a call for large, strong Rose plants, such as will give immediate results? We have prepared for June planting a stock of strong two-year-old plants, all on own roots, except where noted and while they last will close them out at the extremely low price of **$15.00 per 100; 25 or more at 100 rate;** no charge for packing. These Roses can be placed in the open ground during this month and will give a profusion of flowers throughout the entire growing season. They are worth just twice as much as we are asking for them, and they can be depended upon to produce the goods. They are well foliaged, have strong working roots and are now in 4 and 5-inch pots.

The Collection Includes a Wide Range of Varieties and Colors, Teas and Hybrid Teas

such as Meteor, Henry M. Stanley, Kaiserin Augusta Victoria, Marie Guillot, White Maman Cochet, Coquette de Lyon, Pink Soupert, Clothilde Soupert, Golden Gate, White Golden Gate, The Queen, Ma Fillette, Helena Cambier, Yellow Soupert, Mme. Jules Grolez, Striped La France, Yellow La France Bridesmaid, The Bride, Mme. Welche, Duchess of Albany, Mme. Abel Chatenay, Marie Lambert.

CLIMBERS—Crimson Rambler, Yellow Rambler, Climbing Clothilde Soupert and Cherokee.

HYBRID PERPETUALS—Coquette des Blanches, Perle des Blanches, Perfection des Blanches, Mme. Gabriel Luizet and Merveille de Lyon.

Margaret Dickson, budded 5-inch pot plants, $25.00 per 100.

Soleil d'Or, budded, 5-inch pot plants, $25.00 per 100.

BABY RAMBLER—Ever-blooming Dwarf Crimson Rambler. A gem among Roses. Always in bloom. Every Florist in the land should have it. **2¼-inch pot plants, now ready for delivery, $2.50 per doz.; $15.00 per 100; $125.00 per 1000.**

MISCELLANEOUS PLANTS in 2½-inch pots.

Asparagus Sprengeri.....4c each	Yellow Alternantheras.....3c each
Asparagus Plumosus.....5c each	English Ivy.....4½c each
Flowering Begonias, assorted, named varieties.....3½c each	Sweet Scented Geraniums, Acalypha Triumphans, Sanderi, Bicolor and Marginata.....4c each
Fuchsias, named varieties.....4c each	English Clematis, six kinds, including Jackmani, strong, two-year, imported roots.....20c each
Boston Fern.....4c each	Kentia Belmoreana Palm, 3-in. pots.10c each
Sword Fern.....4c each	Areca Lutescens, 3-inch pots.....10c each
Piersoni Fern.....4c each	Ask for catalogue; free. Address
Scottii Fern.....12c each	
Carnations—F. Joost, E. Crocker, Queen Louise.....5c each	

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TO CLOSE OUT balance of stock of Plumosus I offer

PINE LARGE CLUMPS, while they last, at 5c each.

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Asparagus

	Per 100
4-in. Asparagus Plumosus Nanus	$10.00
Asparagus Plumosus Nanus, seedlings, $12.00 per 1000.	
2-in. Cyclamen, in 5 separate colors	4.00

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

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Asters—Carlson's white, strong, 50c per 100.
Pansies—Choicest strains, transplanted stock, $3.00 per 1000.
Cabbage—E. J. Wakefield, $2.00 per 1000.
Cabbage—Succession from seed bed, $1.50 per 1000
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Tomato—3000 strong transplanted Beauty, extra fine, $5.00 per 1000; the lot for $12.00.

F. GRISWOLD, Worthington, Ohio.

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SCARLET SAGE,

From 2-inch pots	$2 00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2 00 "
Vinca Variegata, 2-inch pots	2 00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

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Special Clearing Sale

Of First-Class Stock Only.

10,000 CARNATIONS—Well established in 2¼-inch pots. If planted where they can be reached with the hose occasionally, will make fine stock by planting time. Nelson Fisher, $4.00 per 100; Enchantress, $3.00 per 100, $28.00 per 1000; Boston Market, Mrs. Lawson, $2.50 per 100, $22.00 per 1000.

GERANIUMS—Choice plants from the bench, 12 to 18 inches high; average, 8 to 10 shoots, fine for fall cuttings. Bruant (scarlet), J. Viaud (pink), Mme. Buchner (white), B. Poitevine, Mrs. E. G. Hill (salmon), $6.00 per 100.

SALVIA—Fine plants from 2¼-in. pots. Bonfire, $1.00 per 100, $9.00 per 1000, while they last.

The W. T. Buckley Co., Springfield, Ill.

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GOOD ROSE STOCK

NOT REJECTS OR CULLS. STRONG, WELL-GROWN PLANTS.

Brides, Maids	per 100,	2½-in., $2.50;	3-in., $4.00
Gates, Ivory	" "	2.50 "	4.00
Meteors, Hermosa	" "	3.00 "	5 00

BOSTON FERNS

2½-in., $3.50; 3-in., $8.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00; 6-in., $40 00 and 7-in., $60.00 per 100. Ready to retail now at a fine profit.

Geraniums, 3-in., $5 00 per 100.

Coleus, beautiful collection, $2.00 per 100.

W. H. Gullett & Sons, Lincoln, Ill.

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Miscellaneous Plants.....

2¼-INCH STOCK IN A1 CONDITION.

	Per 100	1000
AGERATUM, Stella Gurney, 40c per doz	$2 00	$17 50
ALTERNANTHERAS, yellow and red.....	2 00	15 00
ALYSSUM, giant double, 40c per doz.....	2 00	17 50
COLEUS, good varieties	2 00	15 00
FICUS ELASTICA.....$2.00 per doz.		
HARDY CHRYSANTHEMUMS		
Small-flowering varieties	2 00	17 50
Large-flowering varieties	3 00	20 00

Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

	Per 100	1000
GERANIUMS, in good variety	$2 00	$17 50
Write for list of varieties.		
HELIOTROPE, good varieties	2 00	17 50
LANTANAS, 5 varieties.....	2 00	17 50
PETUNIAS, Dreer's double mixed	2 50	
" Dreer's superb single mixed.....	2 00	15 00
SALVIAS, in variety	2 00	17 50
SMILAX, strong.....	2 00	15 00
SWAINSONA ALBA and ROSEA	2 00	17 50
VINCAS (Madagascar Periwinkle)	2 00	

Not less than five of any one variety sold. Cash with order, please. Send for trade price list.

R. VINCENT, JR. & SON, White Marsh, Maryland.

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AMERICAN BEAUTIES, EXTRA FINE, 3-INCH.....**$6.00 PER 100**
LA DETROIT. EXTRA FINE, 3-INCH..... **8 00 PER 100**
CHATENAY, PERLE, SUNRISE, 3-INCH..... **5.00 PER 100**

Cobaea Scandens, 2¼-in.....$2.00 per 100
" " extra fine, 3-in.... 4.00 per 100
Clean and healthy.
Smilax, nice, bushy plants, 2¼-in., $1.50 per 100; $12.50 per 1000.

German Ivy. 2¼-in.....$2.00 per 100
Shasta Daisies. 2¼-in..... 2.50 per 100
Christmas Peppers. 2¼-in..... 2.00 per 100
Nicotiana Sanderae, 2¼-in... .....$1.00 per doz.

ASTERS.

Hohenzollern and Carlson's.
From bench.....$0.60 per 100; $5.00 per 1000
From 2¼-in. pots..... 1.50 per 100; 12.50 per 1000

PRIMULAS, for July Delivery.

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Decoration Day Is Over

Fill your houses with stock that grows into money while you sleep.

Araucaria Excelsa

Arrived. 3,000 on May 1, per steamer Etonian, and 2,000 on May 30. per steamer Oxonian, of the choicest, grown for me under contract by an **Araucaria Specialist** in Belgium. I must say for the benefit of my customers that never before have they been so nice, large and well-grown for the money as they are this year. herewith quote you special low prices:

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25 to $1.50 each.
Araucaria Excelsa Glauca, 75c to $1.00 each.
Kentia Forsteriana, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana. 4 years old, 25 to 30 inches high, $1.00 each. (Above is the size entered in the Philadelphia Custom House).
Ficus Elastica, imported, 4-inch, $25.00 per 100, ready now.

BEDDING PLANTS.

Heliotropes, blue, 4-in., $6.00 per 100. **Scarlet Sage.** Clara Bedman, 4-in., $7.00 per 100. **Begonia Vernon,** red and pink, 4-in., $7.00 per 100. **Cobaea Scandens,** 4-in., $8.00 per 100.

Coleus, Golden Bedder, Verschaffeltii and Queen Victoria; **Aster** Victoria; Verbenas, Phlox Drummondii and Dwarf Petunias, $3.00 per 100. California Giant Petunias, Scarlet Sage, Begonia Vernon; Ageratum, blue, 3-in. pots, $5.00 per 100.

Don't forget that I am the Moonvine grower of the land. Only **A. W. Smith's Hybrid Moonvines,** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2½-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.

Cash with order, please. All goods must travel on purchaser's risk.

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Importer and Wholesale Grower of
POT PLANTS.
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SMILAX

	Per 100
Fine plants, 2¼-inch pots.....	$1.25
Aspidistra, Var., 7-in. pot.....each	$1.00
Pansy Seed, July.....oz.,	4.00

Cash or C. O. D.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots.....	$2.00
Sprengeri, 2¼-in. pots.....	2.00
Primroses, Chinese Obconica and Forbesi July 10.....	2.00

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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LET US HAVE YOUR ORDER FOR the most brilliant scarlet cerise Geranium in cultivation. Awarded four first-class certificates of merit and two diplomas. Unsurpassed for bedding out. indispensable for conservatory. Its brilliant color, strong growth and profuse blooming qualities will make it the MOST popular and leading standard next season.

TELEGRAPH

Extra strong 2½-inch pot plants, $6.00 per 100. Extra strong 3-inch pot plants, $8.00 per 100. This price for the next two weeks. Every florist should place Telegraph in stock.

Cash with Order. **THOS. DEVOY & SON, POUGHKEEPSIE, N. Y.**

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New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

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BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in.....	$8.00
Heliotrope, 3 and 4-in.....$5.00 and	7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties.....	2.00
Feverfew, 2½-in.....	2.50
Verbena, 2½-in.....	2.50
Lobelia, dwarf and tall, 2½-in.....	2.25
Alyssum, 2-in.....	2.00
Alternanthera, red and yellow.....	2.00
Dracaena, 3-in.....	5.00
Tomato Plants.....per 1000,	$8.00

Cash, please.

Converse Greenhouses, Webster, Mass.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau. stocky plants from cold frame, 50c per 100; $3 00 per 1000. Pansies, in bud and bloom, $1 00 per 100; $8.00 per 1000 Mammoth Verbenas, in bud and bloom. 2¼-in.. $1.50 per 100; $12 00 per 1000; R. C.. 60c per 100; $5 00 per 1000. Dwarf Blue Lobelia, R. C . $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100 Ageratum Dwarf Blue, 60c per 100. Stocks. double white, $1 00 per 100; $8 00 per 1000. Daisies, double white. 75c per 100; $5 00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

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Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping now, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO.

Special Prices

Send us a list of your wants in **ROSES** and let us name you a special price on them. Don't forget we have

Boston Ferns, Plumosus and Sprengeri

Geo. A. Kuhl, Pekin, Ill.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, fine for border, large 2-in., $2.50 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

ACALPHAS.

Acalyphas triumphans, Sanderi, bicolor and marginata, 2½-in., 4c.
Dingee & Conard Co., West Grove, Pa.

ACHRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story. Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum Stella Gurney, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratum, 2½-in., $2.00; 3-in., $4.00 100.
Geo. A. Kuhl, Pekin, Ill.

Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratums, 2 vars., 2¼-in. pots, $2.50 100.
S. S. Peckham, New Bedford, Mass.

Ageratums, 4-in., $8.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ageratum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, red and yellow stocky plants from flats, $1.00 per 100 $8.50 per 1000.
Chas. L. Baum, Knoxville, Tenn.

Alternanthera brilliantissima, red, 2-in., $3.00 per 100. Satisfaction guaranteed.
Henry Engler, 4651 Lancaster Ave., Phila.

Alternantheras, yellow and red; 2¼-in., $2.00 100; $15.00 1000. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Alternantheras, red and yellow, extra strong, 2½-in., $12.50 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Alternantheras, yellow, 2-in., $1.50 per 100; $14.00 per 1000. C. Winterich, Defiance, Ohio.

Brilliantissima, red; A. nana, yellow; 2-in., $2.00 100. A. J. Baldwin, Newark, O.

Alternantheras, red and yellow, 2½-in., $1.50 per 100. Thos. Salveson, Petersburg, Ill.

Alternantheras, 2¼-in. pots, $2.50 100. Cash.
S. S. Peckham, New Bedford, Mass.

Yellow alternantheras, 2½-in., 3c each.
Dingee & Conard Co., West Grove, Pa.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Alyssum Little Gem, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Sweet alyssum, 2½-in., $2.00 100.
Geo. A. Kuhl, Pekin, Ill.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, a real splendid lot, $9.00, $12.00, $15.00, $18.00 and $24.00 doz. Cash.
A. Schultheis, College Point, N. Y.

ASPARAGUS.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
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4000 Asparagus plumosus nanus, in 2-in. pots, $2.50 per 100; 2000 seedlings, $1.50 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, 2 in., $3.50 and $5.00 100; 3-in., $5.00 and $8,00; 4-in., $15.00 100. Sprengeri, 2½-in., $2.50; 3-in., $5.00; 4-in., $10.00 100. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Sprengeri, extra strong, 2-inch, ready to shift or plant on bench, $2.50 100; $20.00 1000. Cash. Sample, 5c.
Dean Ferris, Peekskill, N. Y.

Asparagus Sprengeri, extra strong plants ready for shift, 4-in., $6.00 100; 5, 6 and 7-in., mixed, $1.30 doz.
Herms Floral Co., Portsmouth, O.

Asparagus plumosus nanus plants just as they come from the flats, grown from our own seeds, $1.00 100.
B. H. Haverland, Pleasant Run, O.

Asparagus plumosus nanus, fine plants, $1.50 per 100; $12.00 per 1000. Sprengeri, $1.00 per 100, July 1st.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. July delivery. Cash. Baur Floral Co., Erie, Pa.

Cut fronds of Asparagus plumosus, 6 to 18 inches each, $2.00 per 100. Cash. Sample free.
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Asparagus plumosus nanus, 2½-in., strong, ready for shift, $3.00 100.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus and Sprengeri, 2¼-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2-in., $2.50 100; seedlings, $1.00 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus nanus, 4-in, $10.00 100, seedlings, $12.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus Sprengeri, 2½-in., 4c each; plumosus, 2½-in., 5c each.
Dingee & Conard Co., West Grove, Pa.

Asparagus plumosus nanus, 4-in. pots, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

ASPARAGUS PLUMOSUS NANUS,
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, one-year, bench grown, $6.00 100. W. L. Hucke, Belleville, Ill.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus. Good stock.
J. B. Braidwood, Colorado Springs, Colo.

ASPIDISTRAS.

Aspidistra var., 7-in. pot, $1.00 each. Cash.
Jos. H. Cunningham, Delaware, O.

ASTERS.

Asters, Carlson's White, strong, 50c 100.
F. Griswold, Worthington, O.

Asters. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
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Carlson's and Hohenzollern, from flats, 60c 100, $5.00 1000; from 2¼-in., $1.50 100, $12.50 1000. Extra stroug thrifty stock. By express.
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Transplanted asters. Semple's, mixed colors, and Carlson, mixed colors, 50c per 100; $4.00 per 1000. T. C. Breece, West Berlin, Ohio.

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Byer Bros., Chambersburg, Pa.

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Variegated banana (Musa zebrina), well marked plants, $1.75 doz.
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BEDDING PLANTS.

Choice bedding stock for prompt shipment. Cannas, fine, strong plants, from 3-in. pots—100 Parthenope, 150 Italia, 25 Elliott, 25 Pennsylvania, 50 J. D. Eisele, 75 Mrs. Parmenter, 25 P. Marquant, 25 E. Hoss, 50 Sec. Chambanne, 25 Guillard, 25 Alsace, at $4.00 per 100. 100 salvias, Cretien and Ragenau, 3-in., at $4.00; 100 2-in., at $2.00. 500 Coleus Mrs. Gerard, 200 Golden Bedder, 100 yellow Verschaffeltii, 200 Firebrand, 100 Verschaffeltii, 100 Beckworth Gem, at $1.50. 1000 asters, finest varieties, 2-in. pots, $1.00. Roses, 3-in., extra strong, assorted bedding sorts at $5.00. 500 seedling verbenas at $1.00. 150 red and 150 yellow alternantheras, fine, strong 2½-in. plants, $2.00 per 100. Terms, cash.
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SURPLUS BEDDING STOCK, in bud and bloom: Mme. Salleroi, 2½-in., $3.00; 3-in., $5.00 100. Ageratum Stella Gurney, 3-in., $3.50 100. Lantanas, 3-in., $6.00 100. Heliotropes, 3-in., $6.00; 4-in., $8.00 100. Impatiens Sultani, 3-in., $6.00; 4-in., $8.00 100. Verbenas, 2¼-in., $2.50 100. Phlox, 2¼-in., $2.50 100. Lobelias, 2¼-in., $2.00 100.
Coleus, best varieties, 2¼-in., $2.00 100; 3-in., $4.00 100. Vinca variegata, 2½-in., $2.50 100. German Ivy, 2½-in., $2.50 100. Alternantheras, green, red, pink, 2 and 2½-in., $2.50 100. Alternanthera brilliantissima, $3.00 100. Centaurea, Dusty Miller, 2¼-in., $2.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Geraniums, scarlet and pink varieties, the newest and best bedders, 4-in., in bud and bloom, $6.00 per 100. Salvias Bonfire and splendens, strong, transplanted, $2.00 per 100. Sweet alyssum, nice, bushy plants in bloom, $2.00 per 100. Marie Louise violet plants, February and March struck, ready June 15, $15.00 per 1000; orders booked now. Cash with order.
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Geraniums, leading varieties, 4-in., $8.00 100. Heliotropes, 3 and 4-in., $5.00 and $7.00 100 Coleus Verschaffeltii and G. Bedder and 8 other varieties, $2.00 100. Feverfew and verbenas, 2½-in., $2.50 100. Lobelia, dwarf and tall, 2½-in., $2.25. Alyssum, 2-in., $2.00 100. Alternantheras, red and yellow, $2.00 100. Cash.
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I have a surplus of coleus, feverfew, duaty millers, ageratum, salvias and verbenas, all in fine condition. Write for prices. J. A. Freeman, 396 No. Lake St., Aurora, Ill.

Bedding plants. We have a full line of bedding plants and stock is in first-class condition. Wittbold Co., 1657 Buckingham Pl., Chicago.

Geraniums, coleus and general bedding stock in large quantities. Write.
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Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonias, 16 finest varieties, 3-in. pots, $5.00 per 100; $1.00 per doz. Ten varieties, 2-in., $2.00 per 100; 40c per doz.
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Flowering begonias, assorted named varieties, 2½-in., 3½c each.
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Mixed begonias, fine 3-in.; in bud and bloom, $2.50 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Begonias, 3-in., $8.00; 4-in., $10.00 100.
Geo. A. Kuhl, Pekin, Ill.

Begonia Vernon, 4-in., $8.00 100.
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Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Flowering begonias, $2.50 100.
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Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
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Christmas peppers, 2¼-in., $2.00 per 100.
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Bouvardia, 3000 double pink, fine plants, from 2¼-inch pots, $3.00 100. Cash.
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Dwarf box, 3 to 5 in., $25.00 1000; 2 to 4 in., $20.00 1000.
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Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem, a dozen sprays making as fine a showing as a dozen large white carnations and can be used inatead of them for decorative purposes. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
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Fine calla bulbs, free from disease, 1⅛ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Now is the time to order Johnson & Stokes' high grade French and Dutch bulbs. Please send us at once a list of your requirements and avail yourself of our special advance prices.
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California field-grown freesia bulbs. Per 1000: ¼ to ⅜, $1.25; ⅜ to ½, $2.05; ½ to ⅝, $3.35; mammoth, $6.40. Express prepaid. Rates quoted on orders of 5000 or over.
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Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi, write for prices, stating number wanted.
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Calla bulbs for August delivery. Paper white narcissus for fall delivery. Send for price list.
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Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

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Cacti in 10 select varieties, $7.00 per 100. Old Man cactus, 4 to 5-in., $20.00 per 100. Carriage paid.
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Caladiums, nice plants, from 4-in; 10c.
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Caladiums, 5-in., $15.00 100.
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Wittbold Co., 1657 Buckingham Pl., Chicago.

Cannas. 2000 Pennsylvania, 4-in.; 500 Henderson, 4-in.; 300 yellow, mixed; fine stock for immediate planting, $6.50 per 100, to clean up.
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The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $12.00 100, $100.00 1000.
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Carnations, 100,000 field-grown plants. We are prepared to book orders now for early shipment. See display adv. for varieties. We guarantee all stock to be in A1 condition.
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Carnations in 2¼-in. pots. Nelson Fisher, $4.00 100; Enchantress, $3.00 100, $28.00 1000; Boston Market and Mrs. Lawson, $2.50 100, $22.00 1000.
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Centaurea, true dusty miller, strong 2-in., $1.00 100. Cash.
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CHRYSANTHEMUMS.

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Chrysanthemums, fine, thrifty 2¼-in. pot plants.

Glory of Pacific	Polly Rose
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Chrysanthemum rooted cuttings from cool grown stock of the following varieties: American Beauty, beautiful dark pink; Dr. Enguehard, $4.00 per 100. Merry Monarch, white and yellow; Willowbrook, Polly Rose, Pacific, R. Halliday, Ivory, Robinson, Nellie Pockett, Bonnaffon, Maud Dean, Merry Christmas, $1.50 per 100, $12.50 per 1000. Cash with order, please.
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Chrysanthemums, good commercial varieties. Your selection of varieties—rooted cuttings, $1.25 per 100; 2½-in., $3.00 per 100; 3-in., $3.50 per 100. Our selection—rooted cuttings, $1.00 per 100; 2½-in., $2.50 per 100, $20.00 per 1000; 3-in., $3.50 per 100. 250 at 1000 rate. Write for stock list.
Krueger Bros., Toledo, Ohio.

Chrysanthemums. A few extra nice plants of Wm. Duckham and Miss Alice Byron. Having more than we need, we offer them at $2.50 per 100, 2½-in. pots. Have been growing outside in frame for 6 weeks and are strong, short-jointed stock. Cash with order, please.
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Hardy pompons, 10 named varieties, also the following chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific, Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, $2.50 100. Cash.
National Plant Co., Dayton, O.

Chrysanthemums Merry Christmas, Wm. Duckham, Dr. Enguehard, Sinclair, Bonnaffon, Ivory, Pink Ivory, Maud Dean, Alice Byron, Philadelphia, Jerome Jones, Glory of Pacific, Polly Rose, Pink Jones. Out of pots, $3.00 100, if a number of varieties are taken.
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Rooted chrysanthemum cuttings. Black Hawk, Cullingfordii, Eaton, Mrs. J. Jones, W. Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Lager, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.
Olson & Lunden, Plantaville, Conn.

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Indian orchids. Just arrived, in fine condition, an extra fine lot of the following varieties: Dendrobium Wardianum, D. crassinode, D. thyrsiflorum, D. Devonianum, Cypripedium Boxalii, Cymbidium Lowianum. Also Cattleya Warneri, Laelia crispa and Oncidium varicosum Rogersii. Fred Varden, Fall River, Mass.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Oncidium varicosum Rogersii, strong plants with many flowering bulbs, $1.25 each, $12.50 doz., $90.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

OTHONNAS.

Othonna crassifolia, an indispensable vine for filling. Extra strong plants in 2½-in. pots, $2.00 100. N. Smith & Son, Adrian, Mich.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

PALMS, ETC.

Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 100; 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
John Bader, Troy Hill, Allegheny City, Pa.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Phoenix, for lawns and porches, $5.00 to $14.00 pair. Kentias, from $1.00 to $20.00 each. Single plants or several in a pot, if wanted. Cash. A. Schultheis, College Point, N. Y.

Chamaeropa excelsa, extra fine, 4-in., $5.00 per 100. Cash. Sample free.
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Phoenix canariensis, something fine for lawn, hotel and piazza decorations. Ask for prices.
Julius Roehrs Co., Rutherford, N. J.

Write for quotations on palms and other decorative stock.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Kentia Belmoreana and Areca lutescens, 3-in., 10c each. Dingee & Conard Co., West Grove, Pa.

Pandanus Veitchii, 6-in. pots, $1.00 each; $12.00 doz. J. Welsh Young, Germantown, Pa.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila, Pa.

Philadelphia-grown palms.
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A few thousand fine plants of Giant Masterpiece, Giant Exhibition and other choice pansies, $1.25 100, cash. A large clump of rich soil with each plant.
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Pansies from field, in bud and bloom, 85c per 100. Otto Bourdy, Lowell, Mass.

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Pansies, extra fine, $1.25 100, cash.
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Something new; something natty; seeding varieties never before offered for sale; standard varieties; the largest and best collection in America. Descriptive price list on application.
J. Gammage & Sons, London, Canada.

Pelargoniums, fancy varieties, strong 4-in., extra fine, 8c each.
John F. Rupp, Shiremanstown, Pa.

PENNISETUMS.

Pennisetum Ruppellianum, 2½-in., very strong plants, $4.00 per 100.
Rode Bros., Bowling Green, O.

Pennisetum Ruppellianum, 2½-in., $4.00 per 100. Rhoten Bros. & Co., Box 5, Danville, Ill.

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All stock guaranteed true to name. Send in your orders early to be assured of a good collection for fall planting. Catalogues now ready and will be sent free on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

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Petunias, 2¼-in. Dreer's double, mixed, $2.50 100. Dreer's superb single, mixed, $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias. Dreer's single fringed; blooming, stocky, 3-in., $1.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Petunia New Star, fine 3-in., in bud and bloom, $2.50 100. Cash.
J. F. Rupp, Shiremanstown, Pa.

Petunias, single, 2¼-in. pots, $2.50 100, cash.
S. S. Peckham, New Bedford, Mass.

Petunias, 2½-in., $2.50; 3-in., $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Petunias, 4-in. dbl. mixed, 7c.
Otto Bourdy, Lowell, Mass.

Petunias, 4-in., $8.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

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Hardy phlox, finest named, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

Hardy phlox, $2.50 100.
National Plant Co., Dayton, O.

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Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
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Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
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Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready now, $3.00 100.
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California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

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Resurrection plants, $12.00 per 1000. Carriage paid.
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ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
Richmond	$30.00	$250	La Detroit	$6.00	$50.00
Chatenay	3.00	25	English	25.00	200.00
Godesberg	5.00	40	Uncle John	3.00	25.00
Liberty	5.00	45	Bride	3.00	25.00
Kaiserin	3.00	25	Ivory	3.00	25.00
Bridesmaid	3.00	25	Am. Beauty	5.00	40.00
Perle	3.00	25			

American Beauty, bench plants, $5.00 100; $40.00 1000.
All plants sold under express condition that if not satisfactory they may be returned.
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For immediate removal we offer a limited number of good, clean, healthy rose plants at extremely low prices, as we need the space they occupy.

	100	1000
Gen. MacArthur, 3½-inch	$8.00	$75.00
Uncle John, 3½-inch	3.00	25.00
Uncle John, 2-inch	2.00	15.00
Chatenay, 3½-inch	3.50	30.00
Bridesmaid, 2-inch	2.50	20.00
American Beauty, bench plants	4.00	35.00

J. A. BUDLONG, 37 Randolph St., Chicago.

American Beauty, 2½-in., $7.00 100. Liberty, 2½-in., $6.00 100. Kaiserin, 2½-in., $4.00; 3-in., $6.00 100. Bride and Maid, 2½-in., $3.50; 3-in., $5.00 100.
Phila. Wholesale Flower Market, Phila., Pa.

Roses.	100	1000		100
Beauties, 2½-in.	$5.00	$45	3½-in.	$7.00
Chatenay, 2½-in.	4.00	30	3½-in.	5.00
Uncle John, 2½-in.	4.50	40	3½-in.	6.00
Bridesmaid, 2½-in.	4.00	35	3½-in.	5.00
Golden Gate, 2½-in.	3.50	30	3½-in.	5.00
Bride, 2½-in.	4.00	35	3½-in.	5.00
Sunrise, 2½-in.	4.00	35	3½-in.	5.00
Perle			3½-in.	5.00

Cut back, bench Beauties, $45.00 1000. Meteor, Maid, Bride, Gate, Chatenay, Perle, $2.50 100.
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Bride, Bridesmaid, Kaiserin, Carnot and Liberty, extra large plants, $15.00 per 100; $120.00 per 1000.

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Bride, Maid, Kaiserin, Carnot and Liberty, extra large plants, $4.00 per 100; $35.00 per 1000.
American Beauty, $6.00 per 100; $50.00 per 1000.
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ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

Large, strong rose plants, 2-yr.-old, on own root, in 4 and 5-in. pots, $15.00 100; 25 or more at 100 rate, for varieties see display adv. Margaret Dickson and Soleil d'Or, budded, 5-in., $25.00 100.
Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2¼-in. pot plants, $2.50 doz., $15.00 100, $125.00 1000.
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Surplus rose plants, 3-in., own roots. Per 100:

Perle des Jardins	$ 7	Papa Gontier	$7
Gen. MacArthur	8	Bridesmaid	5
Mildred Grant	10	Bride	5

Mme. Chatenay, 3½-in., $8.00; Gen. MacArthur, 2½-in., $6.00 100. Mme. Hoste (grafted), 3-in., $8.00 100.
J. BREITMEYER'S SONS, Detroit, Mich.

Roses. Fine stock from 3-in. pots.

	100	1000		100	1000
Maid	$3.50	$30	Ivory	$3.50	$30
Bride	3.50	30	Chatenay	3.50	30
Golden Gate	3.50	30	Liberty	4.00	35

American Beauty plants from bench, $5.00 100, $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Surplus stock of standard varieties of everblooming bedding roses. Strong, healthy stock from 2½-in. pots, Bride, Bridesmaid, White Maman Cochet, Mary Washington, Queen's Scarlet, etc. Strictly our choice of varieties in good assortment, $2.00 100; $17.00 1000.
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Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
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H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
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Roses, propagated from grafted stock. Strong, healthy and well rooted. Extra fancy stock.
Brides, Maids, 3-in., $6.00.
Liberty, 3-in., $8.00.
Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

Brides and Maids,
$4.00 per 100, 4-in. pots.
Fine Gen. MacArthur,
$10.00 per 100. Good, clean, healthy stock.
R. M. Schultz, Madison, N. J.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
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Good clean stock, 3-inch; 5000 Bride, 5000 Bridesmaid, 1200 Kaiserin. Write for prices.
F. & H. Mergenthaler, Germantown, Phila, Pa.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

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We are growing 150,000 roses of the best leading varieties of H. P., H. T., and Climbers, in 2-in. pots. Prices low if orders are given now for next spring's delivery.
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Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
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Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

Good rose stock, strong, well-grown plants. Bride, Maid, Gate and Ivory, 2½-in., $2.50; 3-in., $4.00 100. Meteor and Hermosa, 2½-in., $3.00; 3-in., $5.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Surplus rose stock, fine, clean and cool-grown from 3-in. pots, Beauties, $5.50 to $6.00; Brides, Maids and Kaiserin, $3.50; Ivory, $2.00 100.
United States Cut Flower Co., Elmira, N. Y.

Roses, first-class stock, 3½-in. pots, $6.00 per 100. Bride, Bridesmaid, Perle, Meteor, Chatenay, Hoste, Sunset, Sunrise, Golden Gate, Ivory.
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Old Beauty plants, choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 1000.
Bassett & Washburn, Hinsdale, Ill.

Rose plants. Hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc.; for prices and varieties see display adv. in this issue.
C. M. Niuffer, Springfield, Ohio.

Roses, 3-in. stock. American Beauties, $6.00 per 100. La Detroit, $8.00 per 100. Chatenay, Perle and Sunrise, $5.00 per 100.
C. R. Hills, Grand Rapids, Mich.

Kaiserin rose plants, strong, clean, 4-inch, $8.00 100; 3-inch, $3.50 100. Old plants, Bride and Bridesmaid, $3.00 100.
Mrs. A. M. Schafer, 229 Balmoral Ave., Chicago.

American Beauty, clean 3-in. stock, $6.00 per 100, $50.00 per 1000. Meteor, 3-in., $4.00 per 100, $35.00 per 1000.
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Roses. Bride, Bridesmaid and Golden Gate, extra strong stock out of 3-in. pots, $4.00 100; $35.00 1000. John C. Hatcher, Amsterdam, N. Y.

We have a limited supply of extra fine plants of Chatenay, Uncle John, and Perle. Write us.
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MacArthur rose plants, grafted. 300 fine healthy plants from 4-in. pots, $12.00 per 100.
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Roses, list of good standard varieties, $3.00 100; $25.00 1000.
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400 Meteor rose plants, 2½-in. rose pots, $3.00 100. Cash.
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Roses. For varieties and prices see display adv. Geo. A. Kuhl, Pekin, Ill.

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Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash.
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A1 Salvia splendens, 2-in., at $1.50 per 100; $15.00 per 1000. Owing to recent fire must have cash. S. W. Carey, North End Florist, Urbana, O.

Salvias splendens and Bonfire, extra strong, 2, 3 and 4-in., $1.00, $1.50 and $2.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia splendens, 500 plants, in fine condition; 3½-in. and 4-in. pots, $3.50 100.
T. H. Keefe, Madison, N. J.

Salvia Bonfire, fine plants from 2¼-in. pots, $1.00 100; $9.00 1000.
W. T. Buckley Co., Springfield, Ill.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens, strong, 4-in. pots, $4.00 per 100. A. Dinkel, Brazil, Ind.

Splendens, 2½-in., $2.00; 4-in., $3.00 100.
Leedle Co., Expert Rose Growers, Springfield, O.

Salvia splendens, 4-in. pots, $4.00 per 100.
The Stover Floral Co., Grandville, Mich.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvia splendens, 2¼-inch, $2.00 100; from flats, $1.00 100. Cash.
H. Weston, Hempstead, N. Y.

1000 2-in. salvias, $2.00 per 100.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Salvia Bonfire, 3-in., $3.00 100.
Crown Point Floral Co., Crown Point, Ind.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, 2½-in., $2.00 100.
Geo. A. Kuhl, Pekin, Ill.

Salvias, 3-in., $6.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Salvias, $2.00 100.
National Plant Co., Dayton, O.

Salvia, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

Asparagus plumosus nanus, 99% germination. 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.

Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000. Cineraria nana maxima, giant-flowered, in separate colors, pkt. 500 seeds; pure white Boulede Neige, azure blue, dazzling crimson, 50c; new sort, old rose color, magnificent, 100 seeds, 25c; all colors, mixed, 25c, 5 pkts., $1.00. C. grandiflora max., pkt., 25c; 5 pkts., $1.10. Best German, winter-flowering, ten weeks stocks, pkt., 25c.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Giant daisy, finest giant, mixed, 1000 seeds, 25c.

Cineraria, finest large flowering, dwarf, mixed, 1000 seeds, 50c.

Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
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New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1000; per whole case of 5000 seeds, $15.00.

ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1000, 5000 for $12.00, 10,000 for $20.00. Germination guaranteed.
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Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
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Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
J. C. Schmidt Co., Bristol, Pa.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c.
Wm. Linfoot, N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

RELIABLE SEEDS. For list of varieties and prices see display adv.
O. V. Zangen, Hoboken, N. J.

PANSY SEED. See display adv. in this issue for our special offer.
Weigelt & Co., Erfurt, Germany.

Lawn grass seed in bulk and packages. Special price to dealers.
The Albert Dickinson Co., Chicago.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington teated seeds for the florist. Catalogue free.
W. W. Rawson & Co., Boston, Mass.

Pansy seed ready in July, $4.00 oz.
Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

SMILAX, strong, clean, 2½-in., good as 3-in., $2.00 per 100.
John Beimford, Wilton Junction, Iowa.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, nice, bushy plants, 2¼-in., $1.50 100, $12.50 1000. C. R. Hills, Grand Rapids, Mich.

Smilax seedlings, $2.50 per 1000; 2-in., $1.25 per 100. Cash. Byer Bros., Chambersburg, Pa.

Smilax, fine plants, 2¼-in., $1.25 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2½-in., $1.50 100; $12.50 1000.
J. L. Dillon, Bloomsburg, Pa.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2¼-in., $2.00 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

STEVIAS.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Pochlmann Bros. Co., Morton Grove, Ill.

Stevias, 2½-in., 40c per doz., $2.00 per 100.
Harmon & Henderson, Iola, Kan.

STOKESIAS.

Stokesia cyanea, 2-in., $2.00 100.
National Plant Co., Dayton, O.

SURPLUS STOCK.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

VEGETABLE PLANTS.

TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.

CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.

BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.

PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.

CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

See our flower plant adv. in this issue.
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Celery, strong, transplanted, ready for field—Golden Self-Blanching and White Plume, $2.50 per 1000, $2.00 per 1000 in lots of 5000 or over. Pepper plants, stocky, 8 to 10 in. tall, twice transplanted, $5.00 per 1000—Bull Nose and Chinese Giant. Write for prices on winter cabbage, genuine imported Danish seed. Sample plants mailed on application.
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Cabbage—E. J. Wakefield, $2.00 1000; Succession, from seed bed, $1.50 1000. Tomatoes—Dwarf Champion, $2.50 1000. 3000 Beauty, strong, transplanted, $5.00 1000, the lot for $12.00. F. Griswold, Worthington, O.

Transplanted, greenhouse grown, now ready for field. Tomatoes, Matchless, Stone, $3.00 1000. Celery, White Plume, Golden Self Blanching, $4.00 1000. Mangoes, $4.00 1000.
D. W. Davis, Zion's Grove, Pa.

20,000 celery plants. White Plume, Golden Self-Blanching, Giant Pascal and Kalamazoo, short, stocky and hardy, 3 to 5 inches high, $2.50 per 1000. Cash with order.
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Late cabbage—Flat Dutch, Harris' Perfection, Drumhead and Danish Ballhead, 15c per 100; $1.00 per 1000.
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Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000.
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Verbenas, 10 large flowering varieties in separate colors, 2½-in., $2.00 per 100.
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Verbenas, 2½-in. pots, separate colors, $2.50 per 100.
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The Stover Floral Co., Grandville, Mich.

Verbenas, strong 2-in., $1.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

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50,000 Vinca major var., 2-in. pots, $1.50 per 100; $13.00 per 1000. Transplanted, $1.00 per 100; $8.00 per 1000.
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Leedle Co., Expert Rose Growers, Springfield, O.

Vinca var., 2-in., $2.00 per 100 Cash.
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Marie Louise violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better. Only $2.00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.
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Violets from 2-in. pots. Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell, double. All at $2.50 100; $20.00 1000.
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Marie Louise violet plants, clean and healthy. Call and examine them before you buy. $15.00 per 1000.
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Marie Louise, sand rooted cuttings, clean and healthy, $1.50 100, $12.00 1000. Cash. Sample, 10c. Wm. F. Hoffman, Poughkeepsie, N. Y.

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Zinnia, $3.00 100.
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To Exchange—500 geraniums, 3½ and 4-in., in bud and bloom, $4.00 100; 50 single petunias, 3-in., $2.50; 100 Salvia splendens, 3-in., $3.00, for 2½-in. rose plants, asparagus or Boston ferns. Or will sell at prices quoted.
Kleinhaus & Mason, Cadillac, Mich.

To Exchange—150 11 to 12-in. caladium bulbs, 400 2½-in. moonvines, 500 3-in. scarlet sage, and 200 California petunias, for Bridesmaid, Bride and American Beauty roses, asparagus and chrysanthemums.
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Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
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SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
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Pure sheep manure, dried, unpulverized and pulverized. Write for prices.
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Wax flowers and wax floral designs.
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Galax, bronze or green, and small green galax for violets.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Live, short sphagnum moss for orchids at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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Two large, dry bales, $1.50.
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Tobacco stems for fertilizer. Car load lots.
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Fresh tobacco stems, bale of 300 lbs., $1.50.
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Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

BUFFALO.

Various Jottings.

There are many social events on the program, but few of much magnitude, yet flowers of good quality are very well cleaned up. W. J. Palmer & Son are cutting large quantities of most excellent roses and carnations and Charles Guenther, of Hamburg, is sending in his usual fine roses. Wise Bros., of East Aurora, are better than ever on high class carnations. William Ehmann, of Corfu, has both quantity and quality to boast of in carnations. The fact is the weather has been so cool and with so little sun that the two leading flowers are just about as fine in quality as they were in February. It has been so cool and so many dull, wet days that outdoor flowers are later than we ever remember. About the Fourth of July our peonies will be in bloom, we hope. For the same reason the flower gardening business will be prolonged for another week or two. We have often gloried in the fact that we live where an occasional rain tempers the heat of summer. After the past four years we are quite willing to try a season of Arizona summer.

With all this grumbling, never did our city look more beautiful. The elm and maple, tulip, magnolia and salisburia never unfurled their leaves with greater beauty. The flowering shrubs, the honeysuckle and salisburia on the verandas and, above all, the simple beauty of the well kept lawns make the greater part of our city a vast garden where the buildings are only incidental. Our citizens have decorated their homes with veranda boxes, vases of flowering plants and flower beds about as usual, so altogether it is a fair city in which to dwell and when Rojestvensky is well enough I would advise him to convalesce on upper Delaware avenue.

We are very sorry to report that our active friend, Louis H. Neubeck, was stricken down with sciatic rheumatism just at the beginning of the busy season. This was hard on Louis, but fortunately he has good help. We hope for his speedy recovery.

It would have pleased Phil Hauswirth and George Asmus to have seen a beautiful horse shoe of Liberty roses thrown over the neck of Oxford, the winner of

the Buffalo Derby on Saturday last. We are to be cursed, with the exception of two days in July, with this seductive sport away into September. How fortunate that the Buffalo florists are a steady going, conservative lot and horticulturally inclined in their recreations.

W. S.

HARTFORD, CONN.

The regular meeting of the Hartford Florists' Club took place on Friday evening, June 9, and there was a large attendance.

Mr. Wirth, chairman of the committee on window boxes, recently appointed by President Huss, submitted a report which appears in this issue. It shows how thoroughly the committee performed its task and they were awarded a unanimous vote of thanks. It was the sense of the meeting that if a matter so important were thoroughly taken up by the florists' clubs and horticultural societies of the country as a whole, a permanent impetus would be given to this most important subject, window, porch and veranda gardening would become an established fact all over our broad land, and, incidentally, the commercial man would annually add many shekels to his bank account. "'Tis a great and good subject, gentlemen; push it along."

Our club "poet," who has the happy faculty of adding a dash of color to every important club event, with a flash of his own peculiar genius, was particularly in evidence at this meeting. The following effusion is his contribution to the window box question and he hopes it will have the effect of fixing a great subject firmly in the public eye:

O golden years, advance, advance!
O years of regal work and thought,
Until the all-pervading window box
To every Hartford home be brought.

The "poet" carefully explained that he did not wish to infer that Hartford should go it alone in this matter but, as the acknowledged gem of eastern cities, she should be content to be the leader in this great movement and simply show them the way.

Secretary Ruedlinger read an interesting paper on "Insect Enemies and their Antidotes which Interested our Forefathers." The secretary is a recognized authority on all fungi and insect pests and he easily added to his reputation when he described in detail the various brands of bug and their preventives, which have been in vogue from 250 years ago down to the present time. He received a hearty vote of thanks and the assurance of the meeting that his own bug destructors were vastly superior to the old formulæ.

Arrangements were made for the reception of the executive committee of the American Rose Society which meets in Hartford on June 19.

On account of the impending vacation season, the club adjourned as a body until the first Friday in September.

A. C.

CHARLEROI, PA.—Joseph Haube is adding two more houses for bedding stock.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices, as we are in need of the space they occupy.

	Per 100	Per 1000
GENERAL MacARTHUR, 3½-inch	$8.00	$75.00
UNCLE JOHN, 3½-inch	3.00	25.00
UNCLE JOHN, 2-inch	2.00	15.00
CHATENAY, 3½-inch	3.50	30.00
BRIDESMAID, 2-inch	2.50	20.00
AMERICAN BEAUTY (Bench Plants)	4.00	35.00

CARNATIONS 100,000 FIELD-GROWN. Our plants being large, we are prepared to book orders now for early shipment and shall have the following varieties to offer.

ENCHANTRESS, LAWSON, pink, BOSTON MARKET, NELSON FISHER, STELLA, CRUSADER, FLAMINGO, HARRY FENN, ROOSEVELT, MRS. NELSON, TRIUMPH, MRS. INE, FLORA HILL, PERU, GUARDIAN ANGEL

We shall begin making deliveries the latter part of July, at which time our stock will be in the best possible shape to ship. Prices furnished upon application; also when writing state when stock is wanted, we guaranteeing all stock to be in A-1 Condition.

J. A. BUDLONG, 37-39 Randolph Street CHICAGO

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Des Plaines, Ill.
CARNATIONS
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Robt. C. Pye,
Carnation Grower
NYACK, N. Y.
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Orders booked now for fall delivery. Strong, two-year-old, field-grown plants, on their own roots. Price for early orders, **$9 per 100; $80 per 1000.**

Jackson & Perkins Co.
NEWARK, NEW YORK.
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By ALEX. MONTGOMERY, JR.

"The most important contribution to the modern literature of the Rose."

Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.

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ELMIRA, N. Y.

Trade during Memorial week was, from all reports, away above the average, every one being sold out and turning down orders early in the week. The demand from out-of-town customers showed that this condition was not local. There were good cuts of both roses and carnations, but the demand was far in excess of the supply; in fact, the cut was usually sold before it was taken.

The trade in bedding stock, baskets and window boxes was enormous and kept the plantsmen hustling.

The United States Cut Flower Co. did a big business and during the last few days had to turn all orders away, having their book full. They report the demand for American Beauties and other roses as being on the increase and prices steady. Planting is now being proceeded with and will be practically over as far as roses are concerned by July 4. The Richmond rose will be planted here in large quantity. Killarney will also get a trial. R.

CADILLAC, MICH.

Decoration day comes about two weeks too early for this part of the state. Outdoor flowers were not in evidence and a heavy call was made upon greenhouses, which were unable to supply the demand. Lilacs were only commencing to bloom, while the spiræas were a week later in showing color, and snowballs had not the least resemblance to snow. Plants sold freely, and a number of fine beds were planted in the cemetery, which is fast becoming a pretty spot. Maple Hill cemetery is situated on a hill overlooking the lake, and things planted there are quite free from our late spring frosts, as well as our early fall frosts. Copious spring rains have been welcomed by some, but have been pronounced excessive by many. As a result everything is fresh and active in vegetation. Our soil is light and will stand much wetting.

There is good fishing in close proximity, and when the busy season is past there are plenty of opportunities for recreation hereabouts. A. W. T.

HOUGHTON, MICH.—The affairs of the Lutey Floral Co. in bankruptcy have been wound up and the business is now in the hands of the local bank, which has placed the former proprietor, A. E. Lutey, in charge.

BEGONIA VERNON

2¼-inch pots, $2.50 per 100.

	Per 100
COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIA	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIA	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

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CANNAS

Alemannia, started bulbs, ready for potting or planting out, per 100, $1.50; per 1000, $10.00.

LA FAVORITE GERANIUMS, 2½-inch, per 100, $1.50.

GEO. L. MILLER CO., NEWARK, OHIO

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60,000 GRAFTED ROSES For Forcing

Extra fine, healthy plants. Free from mildew.

Liberty, 3½-inch pots, $18.00 per 100.

Maids, Golden Gates, Kaiserin 3½-in. pots, $15.00 per 100; $140.00 per 1000.

SMILAX 2½-inch pots, $1.50 per 100; $12.50 per 1000.

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

WHITMAN, MASS.

Mention The Review when you write.

Hydrangeas

For lawns, porches, etc., from 5 and 6-inch pots, fine lavender color, $35, $50, $75 and $100 per 100. These plants are now showing color.

ARAUCARIA EXCELSA

(Austrian Pine) a real splendid lot, $9, $12, $15, $18 and $24 per doz.

Phoenix for lawns and porches, $5 to $14 a pair.

Kentia Palms from $1.00 to $20.00 each. Single plants or several in a pot, if wanted.

No charge for packing.

Cash with order, please.

ANTON SCHULTHEIS,

P. O. Box 78. College Point, L. I., N. Y.

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LUDVIG MOSBAEK, ONARGA, ILL.

	Per 100, 2¼-in.
20,000 Alternanthera, red and yellow, 1000 R. C., $3.00	$1.50
50,000 Asparagus, Plum. and Spreng., 3-in., $5.00	2.50
8,000 Coleus, standard varieties	1.50
30,000 Smilax, 2¼-in., 1000, $15.00	2.00
5,000 Umbrella Plants, 4-in., 100, $6.00	2.50
10,000 Vinca, 2½-in. very strong, $2.50	1.50
5,000,000 Celery Plants; 1000, $1.00; trpl., 1000, $2.00.	

All other bedding and vegetable plants. Price list mailed free.

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Asparagus Plumosus

Nice bushy stock, July delivery, from 2½-inch pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

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J. B. Braidwood, Successor to William Clark.

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Send for Price List.

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Surplus Bedding Stock In bud and bloom

Ageratum Stella Gurney, 3-in., $3.50 per 100.
Lantana, 3-in., $6.00 per 100.
Heliotrope, 3-in., $6.00; 4-in., $8.00 per 100.
Impatiens Sultani, 3-in., $6.00; 4-in., $8.00 per 100.
Verbena, 2¼-in., $2.50 per 100.
Phlox, 2¼-inch, $2.50 per 100.
Lobelia, 2¼-in., $2.00 per 100.
Coleus, best varieties, 2¼-in., $2; 3-in., $4 per 100.
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PITTSBURG.

The Market.

The cut flower business had its ups and downs the past week; some days were fair, but most of the week was badly off. Saturday the Greeks had carnations on the street stands, two dozen for 25 cents. Good roses were not plentiful, as some of the growers are throwing out stock for getting ready for replanting.

Various Notes.

Rumor has it that the syndicate formed to buy the Sidney Gibbs property is composed of undertakers mostly.

Casper Limbach, the glass man, who supplies most of the growers in this section, will sail for Europe with his family June 20.

Club Meeting.

The Florists' Club met last Tuesday evening and had one of the most pleasant and interesting meetings of the year. Hardy plants and roses were discussed and there was a grand display. Henry A. Dreer, of Philadelphia, sent a lot of hardy pinks, foxgloves, gaillardias, canterbury bells and other things which were very fine. S. J. Wolf, Emsworth, Pa., sent peonies and clematis which were especially fine. Fred Wissenbach, gardener for D. G. Stewart, showed a very large variety, including delphiniums, Iris Sibirica, poppies, funkia, heuchera, centaurea, pentstemon and roses. Fred Burki had peonies in variety. Schenley park greenhouses had specimens of almost everything in bloom at this season, Magnolia glauca, sweet williams, daisies, spiræa and a good collection of roses, including Paul's Carmine Pillar, which was very striking. The club certainly owes much to Supt. Geo. Burke and Foreman John Jones and his park boys for the interest they take in making good exhibits at these meetings.

Thos. Fitzgerald, of Beaver, Pa., sent in a bunch of very fine, large white carnations, a cross between Prosperity and America. This is a fine flower and good stem. If it holds up to what it now is, I believe there will be a future for it.

A transportation committee for the S. A. F. convention at Washington was appointed: F. Burki, chairman; E. C. Reinemann and John Bader.

Jarvis Smith was a visitor and helped bring out a good many interesting points about the various exhibits.

Instead of meeting in July, the club will hold a picnic. The committee appointed to act is H. L. Blind, chairman; F. Burki, and John Bader. Hoo-Hoo.

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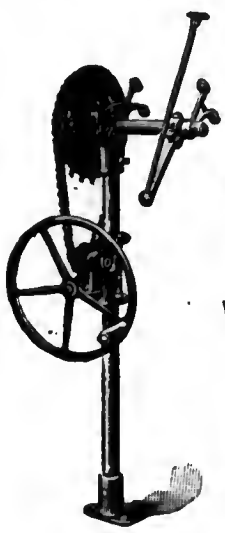
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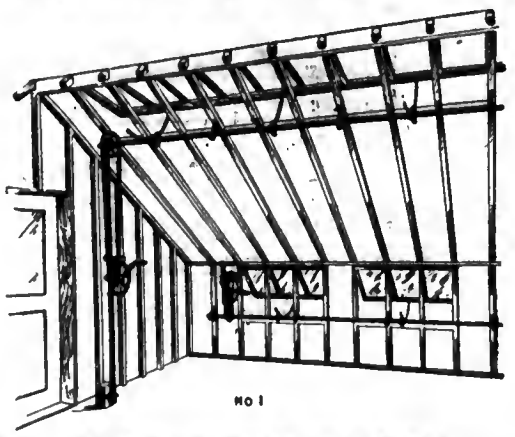
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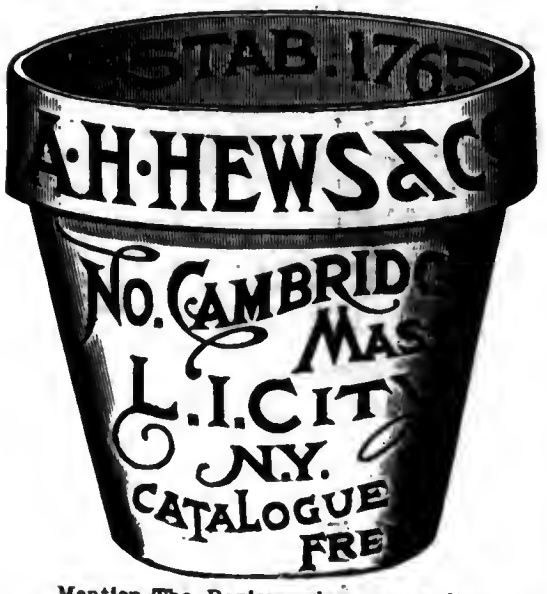
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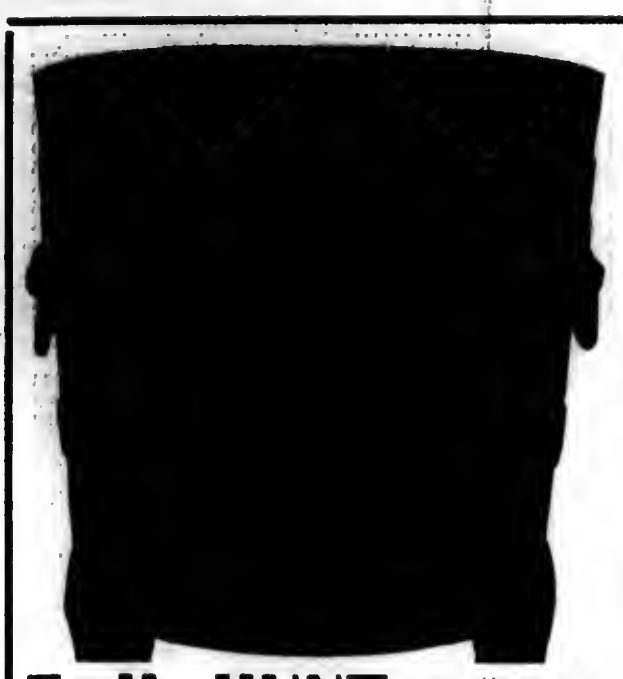
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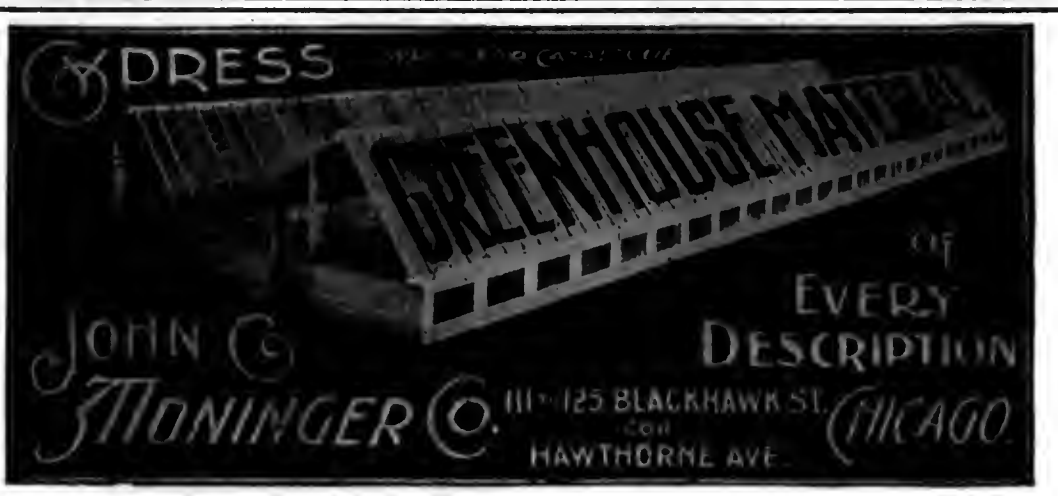


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Bellaire, O.—George W. Kiger has taken a partner in his business at Neff's Station and the firm will hereafter be G. W. Kiger & Co. Another greenhouse will be built before fall.

Bath, N. Y.—H. L. Drummer, who has for twenty years been engaged in landscaping and florists' work here, has for five years given much time to his organization, the Steuben Nature Study Workers of the public schools, which will give its sixth annual exhibition September 27 in connection with the fair of the Steuben County Agricultural Society.



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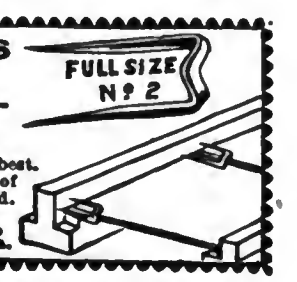


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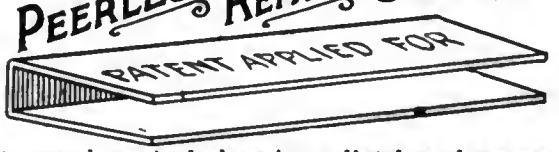
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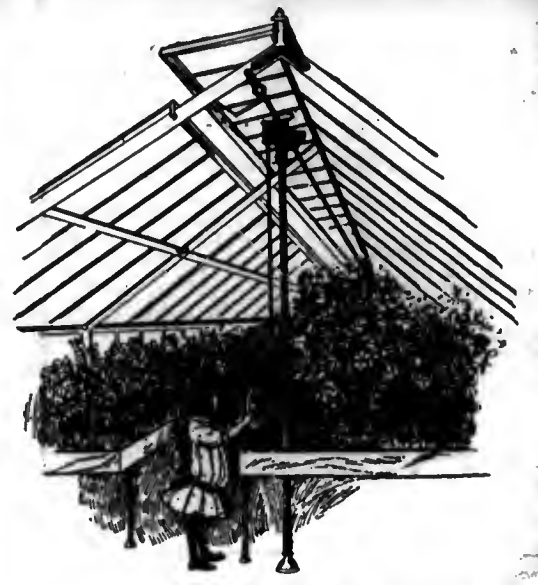


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Vol. XVI. CHICAGO AND NEW YORK, JUNE 22, 1905. No. 395.

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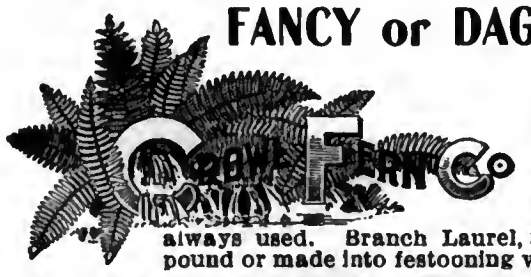
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AMERICAN PEONY SOCIETY.

THE CHICAGO MEETING.

The second annual meeting of the American Peony Society, June 16 and 17, brought together what was undoubtedly the largest showing of cut peonies ever seen at either a European or an American exhibition. The large banquet hall of the Auditorium hotel, Chicago, was chosen for the exhibition and was completely filled. There were a smaller number of exhibitors than had been anticipated, because of the great heat of the few preceding days which had put the flowers of growers in certain sections beyond the exhibition stage, while the western New York growers had nothing yet ready to cut. Notable among those whose absence was felt for the latter reason was Ellwanger & Barry, of Rochester, who had entered in almost every class, but who did not have anything open enough to show by the day of the exhibition. Nearly all of the stock shown had been in cold storage for a number of days and in some cases quality was not up to the standard of fresh cut stock, but it, nevertheless, made a magnificent showing and served to emphasize one of the valuable cut flower characteristics of the peony.

As compared with the first exhibition of the society, held in New York last year, this show was many times larger and did much to straighten out nomenclature. Two of the smaller exhibits combined were as large as the entire show of last year, while the display of the largest exhibitor was fully twice what was seen at New York. The same method of staging was employed as that at the last convention of the American Carnation Society, the tables being covered with a green cloth which made a much better setting for the flowers than the white covering ordinarily used. The staging was delayed on Friday morning by the non-arrival of the vases which had been arranged for, so that the work was hardly more than begun at the time the show was supposed to have opened. Then, too, the exhibitors were new to the task of staging peonies and it took them longer than it will again to accomplish the same results. Furthermore, the stored stock was dropping more or less and had to be carefully picked over, all of which consumed much time, and it was well into the evening before the show was wholly ready. For this reason the judging was delayed until the morning of the second day.

The general effect of the exhibition was excellent, although the individual exhibits left something to be desired in the matter of arrangement. The absence of the touch of the skilled hands of the retail florist was felt. The peony is too stiff-stemmed a flower to lend itself readily to decorative effects, particularly when a number of flowers are placed in a perfectly straight stone jar. The demonstration of the individual beauty of the flowers was often lacking, but to most of the visitors this was of minor consideration. It was a noteworthy feature that nearly every visitor was traveling up and down the aisles note book in hand. One would have thought that it was an attendance of newspaper reporters from the assiduity with which the visitors were taking notes of the varieties. In this respect the influence of the exhibition will be apparent for many months. The attendance would have been larger and the influence of the show greater had the daily papers been interested.

The Peterson Display.

The largest exhibit, and one of the finest showings of peonies ever staged, was that of the Peterson Nursery, Chicago. Much of their stock had been in storage for a week or more, but other portions were fresh cut the morning of the opening of the exhibition. They were entered in nearly all competitive classes and had one long table of stock for exhibition only. Their vases of white blooms attracted as much attention as anything in the hall. The gentlemen who framed the schedule of premiums had no thought but that Festiva maxima was the pre-eminent white peony and they made a class for 100 blooms limited to that variety. But in the view of many visitors there were two other varieties in the Peterson exhibit which, at least from an exhibition standpoint, outranked Festiva maxima. These were Couronne d'Or and Marie Lemoine. These are not of purest white, and the former has a touch of lemon yellow deep in the center of the flower from which it takes its name, the Crown of Gold. But the color is good nevertheless in both flowers and each is of excellent rounded form. If they possess the attributes required for commercial cut flowers they will be heard from in the wholesale markets in future seasons. Each seems to be a better keeper than Festiva maxima.

There were three notable exhibits staged by Peterson in the class for 100 light pink and in this connection it might be noted that some of the exhibitors adopted the method of putting all the blooms called for by a given class in the schedule into one vase, while others divided the number into two vases, and even three vases in some cases. It all seemed to be according to Hoyle. The Peterson pinks were fifty to a vase. One variety was Livingstone, judged the best pink in the show. Next was Delicatissima, which is just now occupying a conspicuous position in the trade eye. It is, to say the least, very similar to Richardson's Floral Treasure. Then there was Modele de Perfection, which is a large ground flower, with extended guard petals. This is the variety M. Jules Elie in some other exhibits. Another good light pink in the Peterson showing was Pottsii alba, which is almost white but with pink shading. James Kelway and



C. W. Ward, President American Peony Society.

Mme. Calot are also good pinks and Modeste Guerin is another, but several shades deeper in color. Among their reds were Purpurea superba, Felix Crousse and Souv. de Bordeaux. These showed no stamens. They also had a fine lot of Japanese varieties and reds showing yellow stamens.

The Cottage Gardens' Showing.

C. W. Ward, of Cottage Gardens, Queens, N. Y., said that he was by no means pleased with the showing he was able to make, but it was remarkable, nevertheless. When a man travels more than 1,000 miles in the heat of an exceptionally hot week in June and stages more varieties of peonies than any other exhibitor he is accomplishing a considerable task. Mr. Ward has a collection said to be the largest in America and he cut some blooms of most of them and shipped them to Chicago. They came by express in the hot weather ten days before the show and were put into cold storage. Naturally the petals were falling from many sorts when they were unpacked. Could they have been shipped in a refrigerator car they would no doubt have come out much better. Under the circumstances it may be said that they were in excellent shape. However, Mr. Ward found himself confronted with no small task when it came to picking out the good blooms and staging them. By actual count he had 180 varieties and 2,096 blooms to pick over, and they had been cut, tagged and shipped by twos and threes in all stages of development.

His variety M. Jules Elie was one of the finest pinks in the hall and the flowers were in remarkable shape considering what they had undergone. The same might be said of his white, Mont Blanc. In some catalogues this is Alba sulphurea. It is a flower of lemon yellow center with large white guard petals and his vase for exhibition only was in exceptionally good shape. Another of his vases for exhibition contained fifty blooms of Festiva maxima, which went a long way to refute the opinion which some hold that this variety is not a good keeper. Duc de Wellington attracted attention. Mr. Ward says it does not show the yellow center petals when the plants are well established.

There were a number of very excellent light pinks in the Cottage Gardens collection. One of the best of these is Triumphe de Exposition de Lille. Another is Mme. Ducel, which in many respects resembles M. Jules Elie. Another sort of this form in lilac pink is Mons. Boucharlat aine. Octavie Demay is another good light pink. Rosea magna is a fine white tinged with pink. Mme. Forel, glossy pink, was a good one. Carnea elegans and Mme. Calot are well known varieties in the pink class and Sulphurea, white, is in many collections. In reds the collection is strong. One of the best is Admiral Craighton. Dr. Cailott, Victor Hugo, Meissoniere, Pierre Dessert were also good, and included in the list are flowers of every desired form.

Reeves' Red.

The one exhibit which likely attracted more attention than any other was that of E. A. Reeves, of Cleveland, Ohio. He had but two entries, each in the class for best 100 red. The notable exhibit was Grandiflora rubra. He used three pots to contain the 100 blooms and they were a sight. The blooms were not less than six to eight inches in diameter and the stems three to four feet long. The color is not quite as bright a crimson as Richardson's Rubra superba, which constituted his other exhibit. The Grandiflora rubra was not the same as shown under that name by some of the other exhibitors. This variety originated with a Mr. Lee, of Madison, Ohio, who retired from business some years since because of advancing age. He sold his peony collection to Mr. Reeves and this variety was in the lot. It is a splendid thing and nothing else was considered for first premium. They were like a lot of big chrysanthemums and set Elmer Smith wishing he could get the same color in that flower.

Vaughan's Table.

Vaughan's Greenhouses, Western Springs, Ill., had a table of fresh cut blooms conspicuous in the center of which was the big first premium vase of 100 Festiva maxima. But what was closer scanned was a vase of a half dozen blooms labeled Mme. Bollet but which did not correspond to that variety in other collections. Mr. Wilson said that in his field notes he put an interrogation point after the name and described it as the pink Festiva maxima. It corresponded to Louise de Estrees in Mr. Ward's exhibit except that it was much larger. It is an odd light shade between pink and lilac, not far from the color of an excellent neighboring bloom of Souv. de Exposition de Lille. Marie Lemoine and Golden Harvest were other especially good flowers shown. Vaughan also had a table of Baby Rambler rose and another of cut flowers of perennials, including blooms of some of the newer sweet peas.

Rosenfield's Seedlings.

J. F. Rosenfield, Westpoint, Neb., was not present but sent a whole table of fine flowers, including an entry of 100 pink, Floral Treasure, which took second premium, and 100 red, No. 206, which was second in its class. Mr. Rosenfield has raised many seedlings and many good ones. There were practically nothing but his own varieties in his exhibit. His Floral Treasure is very like Delicatissima and the old L L L Pink of the Chicago market. In the view of some these three would need to be grown under the same conditions for more than one season to determine their differences. There was another fine light pink in the lot, a large flower with lighter edge on the petals, which had no label. Mr. Rosenfield is especially strong on red seedlings. No. 206 is fine and there were several others under number. His Grandiflora rubra was not the same as Reeves' or Ward's.

Klehm's Nursery, Arlington Heights, Ill., decorated the big iron fountain in the center of the hall, filling it with peonies and adding much to the excellence of the general view.

The Jewell Nursery, Lake City, Minn., sent a table of blooms but they arrived in poor shape. Delicatissima kept best of all. A good one was No. 12, dark red, showing stamens.

The Ionia Pottery Co., Ionia, Mich., made a display of pots.

Business Session.

The business meeting of the American Peony Society was held at the Audi-



Peony Couronne d'Or. Peony Marie Lemoine.

Two of the Best White Peonies Shown, Photographed in the Peterson Exhibit.

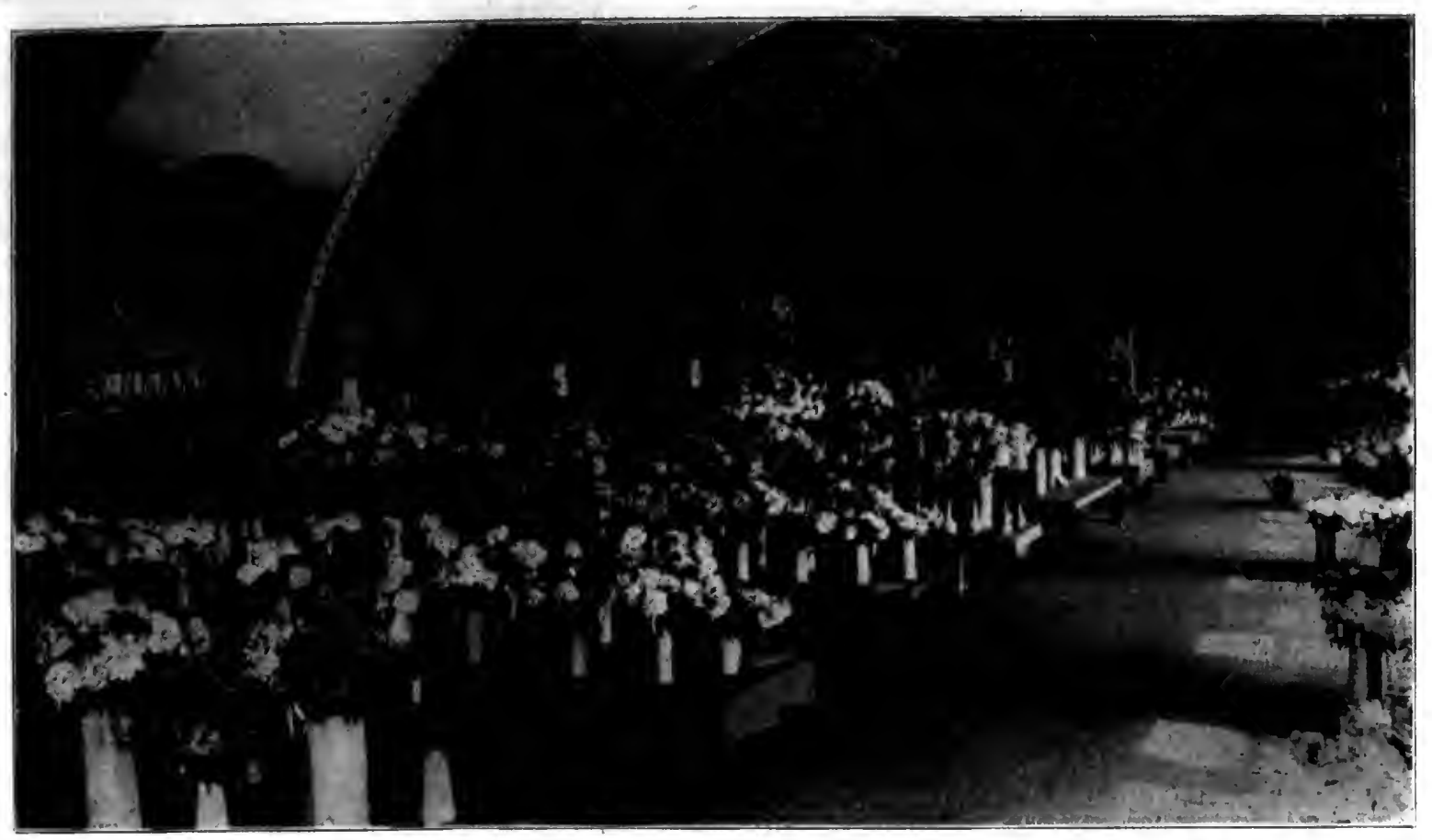


Photo by Gibson.

General View of the Exhibition of the Peony Society at Chicago, June 16 and 17.

torium, Chicago, at 11 a. m. Saturday, June 17. President Ward complimented Chicago on the exhibition then in progress and read an address, which appears elsewhere in this issue. Secretary A. H. Fewkes read the minutes of the 1904 meeting and then his annual report, as follows:

"The present membership of the society is thirty-six, not including two honorary members.

"Since the last meeting the president has appointed two European representatives of the nomenclature committee, A. Dessert, Chenonceaux, France, to represent that country, and August Koenemann, of Neides-Walluf, Germany, to represent the latter.

"During the past year I have had considerable correspondence in regard to peony lists with the object of completing our preliminary list, but there are some which are still to be received before it can be published. The publishing of the report of 1903-1904 has also been delayed for unavoidable reasons.

"In the matter of the incorporation papers, Mr. Lown, the attorney, reported to me that the certificate of incorporation was filed in Albany, N. Y., July 2, 1904, and a certified copy of the same was deposited at the New York county clerk's office on July 11, thereby completing the legal incorporation of the society.

"The exhibition held during the meeting at New York was a fairly good show, there being about seven exhibitors who staged many fine flowers, but there was a great lack of names thereby reducing the value of the show. C. W. Ward, Queens, N. Y., showed about 200 varieties, all unnamed but under number. Frank Gould, with John J. Morris, Esq., Compton, Chestnut Hill, Philadelphia, Pa., showed about sixty-three varieties, all named. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa., twenty varieties, all named. Siebrecht & Son, a large display of unnamed flowers, including about thirty-two varieties. C. Betscher, Canal Dover, O., forty varieties, all named. C. & M. Wild, Sarcoxie, Mo., about ten varieties, and F. S. Rosenberg, Walden, N. Y., about eighteen vases unnamed."

The secretary then read the report of Treasurer J. H. Humphreys. The balance June, 1904, was $175.50; receipts, $57.55; expenditures, $23.98; present balance, $209.07.

The judges of the exhibition were Ed. Kanst, P. J. Hauswirth and Charles Klehm. They reported as follows:

Judges' Report.

Largest and best collection, one flower of each variety, Cottage Gardens, Queens, N. Y., first; Vaughan's Greenhouses, second.

Best twelve varieties, six flowers each, Peterson Nursery, first; Vaughan's Greenhouses, second. One entry disqualified for wrong count.

Collection rose pink varieties, Peterson Nursery, first.

Collection salmon and flesh varieties, Peterson Nursery, first.

Collection white varieties, Peterson Nursery, first.

Collection cream and light yellow varieties, J. F. Rosenfield, Westpoint, Neb., first; Peterson Nursery, second.

Collection crimson without stamens, Peterson Nursery, first. One exhibit disqualified because of too many stamens showing.

Collection crimson with stamens, Peterson Nursery, first.

Collection tricolor varieties, Peterson Nursery, first.

Twelve best varieties, twelve blooms of each, first, Peterson Nursery, silver cup.

Festiva maxima, 100 blooms, Vaughan's Greenhouses, first. One entry disqualified for short count.

Best 100 blooms pink, first, Peterson Nursery, on Livingstone; second, same exhibitor, on Delicatissima.

Best 100 blooms crimson, first, E. A. Reeves, Cleveland, O., on Grandiflora rubra; second, same exhibitor on Richardson's Rubra superba.

Cottage Gardens were given honorable mention for extensive display and so were Vaughan's Greenhouses for perennials, etc.

Mr. Ward called the judges' attention to the rule prohibiting more than one award to one exhibitor in the same class and the report was amended to give second for 100 pink to J. F. Rosenfield for Floral Treasure and second for 100 crimson to Mr. Rosenfield, for No. 206.

On motion of W. A. Peterson honorable mention was given the decorative display of Klehm's Nursery, mention of which had been omitted, due to the modesty of one of the judges.

J. B. Deamud, exhibitor manager, was given a vote of thanks for his services.

Elections.

Elmer D. Smith, H. J. Mullin and J. M. Hood were elected to membership. One other application was referred to the board of directors because not accompanied by the membership fee.

Boston was selected for next year's meeting place.

It was early apparent that office seeks the man in the Peony Society. Mr. Peterson declined the presidency and Mr. Ward only accepted re-election under pressure. He said he doesn't like references to Mr. Ward's Peony Society and thought it wise to put in some one else, but the members didn't concur. The officers elected are: President, C. W. Ward, Queens, N. Y.; vice-president, Wm. A. Peterson, Chicago; secretary, A. H. Fewkes, Newton Highlands, Mass.; treasurer, J. H. Humphreys, Germantown, Pa.

Visitors.

Among the visitors noted were Fred Lemon and Miss Sarah A. Hill, of the E. G. Hill Co., Richmond, Ind.; E. A. Reeves, Cleveland, O.; C. W. Ward and his secretary, Queens, N. Y.; C. S. Harrison, York, Neb.; A. H. Fewkes, Newton Highlands, Mass.; Robert George, of Storrs & Harrison Co., Painesville, O.; G. C. Perkins, of Jackson & Perkins Co., Newark, N. Y.; Wm. C. Barry and C.

J. Malloy, of Ellwanger & Barry, Rochester; Mr. Wallace, of D. S. Lake, Shenandoah, Ia.; Elmer D. Smith, Adrian, Mich.; Irving Gingrich, South Bend, Ind.

Jottings.

The sorts with which Peterson Nursery won the silver cup for the best twelve varieties were: Marie Lemoine, white; Festiva maxima, white; Marie Calot, blush and white; Golden Harvest, light pink; Pottsii alba, baby pink; Delicatissima, light pink; Princess Beatrice, rose pink guard; Livingstone, rose pink; Modele de Perfection, rose; Modeste Guerin, deep rose; Marechal MacMahon, red bomb; Purpurea Delachei, deep red with stamens.

Elmer D. Smith says that picking out the right peonies is a tougher proposition than picking the right mums. If the mums don't suit you, you try others the next season but you are tied up to a peony several years because the plant is so intolerant of division.

Secretary A. H. Fewkes says that the Peony Society's records now include descriptions of close to 1,300 varieties.

Amza Kennicott, of A. Kennicott & Son, who cut over 100,000 peonies for the Chicago wholesale cut flower market this season, looked over the show and when asked what he liked best of the varieties said that he thought Marie Lemoine, white, the best of the lot.

Wm. A. Peterson said that if he could have only one peony he thought he should take Golden Harvest.

MR. WARD'S ADDRESS.

[The following is the address of President C. W. Ward delivered before the American Peony Society at Chicago, June 16.]

It has now been two years since the organization of the American Peony Society and to those who thought that there was no need of such a special society to care for the interests of the peony, the success of the present magnificent exhibit should be ample proof that the society was not only needed, but really wanted, for it is by such exhibitions as these that we who are devoted to the interests of any special class of floriculture really learn the possibilities that exist when concentrated effort is made to develop all that there may be contained in any special subject.

This is practically the first exhibition of peony flowers given under the management of our society and what has been done here today can be much improved upon in future efforts, for by experience we learn and the experience leading up to the staging of the present show has already taught us many things that will redound to our benefit in the future and will enable us to stage increasingly interesting exhibits as the years roll by.

No doubt the officers of the society will be somewhat sharply criticized for not providing essays to be read before this meeting and, while not attempting to offer excuses for such lack, I wish in connection with an apology which we offer to members of the society, to say that unfortunately prior to the season at which the peony show is possible almost all of the members of our society are driven to exert their utmost energies in order to properly care for the year's business which must be done practically in the two or three months of spring.

Chaotic Nomenclature.

One of the crying needs of such an association as ours is the surprisingly chaotic state into which the nomenclature of the peony has been allowed to degenerate and if this association should do nothing else than straighten out in a passable manner the nomenclature of the peony, striking from the list duplicate or nearly duplicate and worthless varieties and render it possible for the trade to list fifty or sixty of the best sorts under names and descriptions that would render their identification certain and make possible extensive deals between different peony growers, insuring the buyer of getting exactly what he wants whenever he places an order, and then should disband, it will have accomplished one of the greatest benefits to floriculture in general and amply repay for all the effort put forth and expense incurred in its organization and maintenance.

The Cornell Test.

Realizing the importance of this question of nomenclature, a competent nomenclature committee was appointed and has already accomplished a long step toward straightening out the tangle which has been the source of annoyance and a bane to us all who have attempted to purchase peonies. I now refer to the extensive test plot at Cornell University which has been planted with upwards of a thousand varieties of peonies, all of which have been contributed by its members without one cent of expense being incurred by the society. It is a foregone conclusion that this attempt to straighten out the peony nomenclature, undertaken under the auspices of Prof. John Craig, of Cornell University, whose careful and efficient work performed in other lines is ample guarantee for the thoroughness with which this work will be done, will be productive of great results and will place the entire fraternity under obligations, not only to Prof. Craig, but to Cornell University and lastly, but not least, to the American Peony Society itself.

Peonies for Cut Flowers.

Fourteen years ago, when I first began growing carnations, they were usually sold upon the market under the designation of red, pink and white pinks. So far as I know very few varieties had at that period produced a sufficient impression upon the buyers to be asked for under distinctive names. However, soon after the formation of the American Carnation Society they began to be designated by special names and at the present time retail buyers generally ask for The President, Enchantress, Ethel Ward or any other variety they wish to purchase, because thereby they identify those blooms which best satisfy their tastes and purposes and it will not be long before this will be the case with the peony. At present Festiva maxima is known upon the New York market as "the big white" peony and all other white varieties are simply designated as white peonies, but within a comparatively short period buyers will begin to call for Mont Blanc, Festiva maxima, Mons. Dupont, Marie Lemoine and other named varieties because they will want to secure just the effect produced by those sorts and will be able to identify them under their proper titles.

For some years past the value of the peony for cut flower purposes has been recognized in the larger markets, such as Chicago, New York, Boston and other large cities, but up to the present time there seems to have been no organized effort made to place the most suitable varieties on sale, and a large proportion of the blooms offered seem to have been of the more common kinds, composed largely of undesirable shades of color, the result being that the color value of



Peony Grandiflora Rubra (Lee), Shown by E. A. Reeves, Cleveland, O.



Display by the Peterson Nursery at the Peony Exhibition, Chicago, June 16 and 17.

the peony has suffered somewhat in popular estimation. In a few years all this should be changed and a sufficient quantity of the most attractive sorts that are best suited for cut flower purposes should be grown to supply the needs of the market, and when this occurs the demand for peonies for cut flower purposes will be largely increased.

A Frequent Experience.

The difficulties of accumulating a large stock of the better varieties that shall prove true to name are great indeed because owing to the chaotic state of peony nomenclature at the present time, no one is sure of getting what he orders unless he is able to visit the peony fields in blooming time and identify and mark the plants he desires.

A somewhat extensive experience in purchasing peonies during the past ten years has developed some curious results. For instance, in one case a grower sent two absolutely different colors under the same name. This occurred with the peony Henri Murger. The true Henri Murger is described as an immense bloom of the form and color of the Paul Neyron rose. The first year that the firm in question sent us Henri Murger we got a tall growing, deep purplish crimson which as yet we have been unable to identify. The following year they sent us a very double creamy white sort which bore no resemblance either in habit, form or color to the one sent before. Neither of them resembled in any respect, either in habit, form, color or time of blooming, the true Henri Murger. In another case a totally different peony in point of habit, form and date of blooming was sent but of the same shade of color as the genuine variety ordered. The second year from the same firm came under the same name another lot which again did not resemble the true variety either in form, habit or date of blooming but still of the same shade of color and neither of these varieties resembled in any respect the true variety, whether in form, habit or date of blooming, with the exception that the shades of color were very close to the true variety.

Working Up Stock.

After an extensive experience in attempting to accumulate considerable stock of the specially desirable varieties, I have come to the conclusion that the only practical way to work up a true stock is to purchase a moderate quantity of the sorts from some source where you are able to identify them as true and then, after blooming the plants three years, cut out all rogues which may develop and look after the propagating and division of the stock yourself, for I have found where you leave it to employes, they not having the same interest in keeping the stock clean that you have, will allow errors to slip in. A rogue once introduced in a stock frequently multiplies twice as rapidly as the true variety, the result being a large proportion of rogues when the stock has been considerably augmented. In Holland the custom is to take up peonies and divide them every year or two, consequently the plants are never seen in bloom and this mode of forcing the propagation is probably the reason why so many rogues are found in the general run of Holland peonies imported to this country.

Peonies in Landscape Work.

Undoubtedly our favorite flower is one of the most effective of all early flowering herbaceous plants for use in extensive landscape plantings. It not only can be used in masses producing grand color results, effectively lighting up dark nooks and corners, but they can also be interspersed among shrubbery, lending additional effective color to such groups. The plants when out of bloom are not unsightly, as is the case with many other herbaceous flowers, but the deep, fresh greens and bronzy greens of the peony foliage are maintained in general good condition throughout the greater portion of the season.

The range of peony colors is unexcelled, comprising almost all the shades of pink, from the most delicate flesh tints to the deepest shades. The same may be said of white, crimson, purple and amaranth. It is weak however, in yellow, as we have comparatively few sorts that might be termed yellow and these are generally light in color, the guard petals being almost invariably white, and it cannot be said that there is as yet any true solid yellow peony.

Landscape architects should learn to know the peony better and should become acquainted with the finer and more desirable sorts and should use them more extensively hereafter than they have in the past. I am quite certain that the peony often suffers in reputation by the use of common undesirable colors in classes of work where good, clean complementary colors are needed and should be used and the peony will never take its proper place in landscape work until landscapers in general become better acquainted with the more desirable sorts and learn to know them as well as to use them.

A Regrettable Controversy.

It is to be regretted that an unfortunate controversy arose over the formation of the American Peony Society resulting in forming within the ranks of the Society of American Florists the S. A. F. Peony Society or Peony Committee as it has more recently been called, giving color to the idea that the Society of American Florists was opposed to and endeavoring to kill off our association. I have been led to believe that it has been asserted by certain elements in the Society of American Florists that the formation of the Carnation Society, the Chrysanthemum Society, the Peony So-

ciety and other special associations would in the end destroy the Society of American Florists. This I do not believe to be true and I cannot see any other result from the organization of such special societies than an increased general distribution of flower and plant knowledge among the general public, which in the end will result in increased accession to the ranks of the Society of American Florists.

It may be asserted with truth that the Peony Society has not now, nor will it have in the future, any conflict with any other horticultural body, but it has been formed for the purpose of accomplishing certain special work that can be done only by and with the hearty co-operation of all of those most vitally interested in the peony.

Personally, I am well satisfied that our association will gladly contribute to the archives of the Society of American Florists, or to any other horticultural body that makes for the good of the florist craft in general, the results which it may accomplish in the way of straightening out peony nomenclature, or any other results which may be considered generally beneficial to the craft.

Results Due to Growers.

Neither the Peony Society nor the S. A. F. Peony Committee has had as yet any great measurable effect upon the increase in the demand for peonies for the reason that neither has up to the present time accomplished any definite advancement, either in the improvement of the peony or the methods of its culture or its commercial handling. Aside from a few articles and cultural notes appearing in the press, nothing tangible has gone forth to the general public and these articles have not as a rule emanated either from the Society of American Florists or from the American Peony Society. Whatever results have been accomplished up to the present time have been largely through the work done by the peony specialists, who are giving their time to the culture of and investing their capital in peonies.

The experimental peony plantation of Cornell University has been made possible only by the voluntary contributions of the principal peony specialists in America and Europe who are members of the American Peony Society.

Controversy Should Cease.

Reverting again to the unpleasant things which have been said and done in connection with the formation of our society, it may well be said that all opposition and controversy should now cease. The work of the Peony Society has been so definitely cut out and clearly defined that the few doubting and misguided spirits within the ranks of the Society of American Florists who have heretofore frowned upon our organization, should now cease their antagonism and bend their efforts toward forwarding a work that will in the end redound to the general welfare and benefit of the entire florist craft as well as the nursery fraternity.



Peony Festiva Maxima, Shown by the Cottage Gardens.

MISCELLANEOUS SEASONABLE HINTS.

Irrigation.

Although it may appear unseasonable to write of watering after the frequent and heavy rains that have recently prevailed in most parts of the country, we may now reasonably expect our three months of hot weather and spells of drought.

The Atlantic, and even what is called the middle western, states can get along fairly well with many outside crops without artificial irrigation, but I am told, and it is doubtless true, that farther west, in Kansas and Colorado for instance, it would be impossible to grow even carnations in the field unless they were frequently and thoroughly watered. They would dry up and blow away. I was glad to notice that Mr. Baur, in his recent notes, disapproves of watering carnations in the field that are intended to be lifted and benched. What I now say, or have said, in the past, was for conditions we have in the eastern states, where we occasionally have had eight and nine weeks of hot spells and drought, but for many years I have preached no water but plenty of hoeing for carnations and have had the pleasure of being told in personal interviews that I was talking pure nonsense. But I am not going to dip into carnations. There are other important plants that must be artificially watered in every locality during two or three weeks of dry weather.

First a word about the principle of watering and hoeing. If we plunged, say, a carnation or geranium in a 4-inch pot in the ground and gave it one watering at the time, but no more attention for a week of hot dry weather, the plant would be past redemption, shriveled up, because the pot would prevent any moisture ascending from the depths of the soil to nourish the roots. If you planted similar plants in the ground and gave them one watering at planting time, how would you find these plants after a week of drought? If properly planted and sensibly watered at planting time, you would find them fresh, plump and healthy. If not perceptibly grown they would be robust and vigorous. Now is this not positive proof that in these dry times it is the moisture arising from the depths of the ground?

Why is subsoiling so wonderfully beneficial? Simply because the breaking up or disturbing the soil fifteen or eighteen inches deep facilitates the quicker and freer rise of this moisture. I believe the principle of the moisture rising to evaporate at the surface is known as capillary attraction. Whatever scientific term is attached to it does not add to its value, and let us say that it is a thoughtful arrangement of an all wise providence that when the clouds do not bless us from above, nature's reservoir sends up her blessings from below. This was not ordained alone for little man's benefit, but to keep the face of the earth green, to nourish the mighty sequoia, the sturdy oak and the modest daisy and useful "tater."

Now, we plow up the land six or eight inches deep, plant, and in too many cases as soon as the surface looks dry, get out the hose and sprinkle the surface, wetting through an inch deep, and possibly not



Peony Mont Blanc, Shown by the Cottage Gardens.
(Alba Sulphurea or Solfaterre in some collections.)

that. We have refreshed the foliage, it is true, but we have only wet the soil enough to run the particles together and the next day's sun puts it into the shape of a dry paste, or crust, and prevents evaporation, and without moisture escaping from the surface none will rise from below. So this little dribble only cements the surface and is a real detriment to the plants you intended to benefit. When the foliage of a flower bed covers and shades the ground less water is needed and less harm would be done by one of these superficial waterings.

The way to do it is to give a thorough watering, one that will go down five or six inches, and then, when the soil is friable, which even a clay is if taken at the right time, between the wet and the dry, give a good hoeing.

Asters.

Asters suffer very much in a dry time. Especially if the ground has been plowed shallow they should be watered copiously at least once a week and as late as you can get between them. When so large and branched that the ground is covered, a good soaking without the hoeing won't hurt, but their success is assured by that time.

Sweet Peas.

Sweet peas delight us for the first two weeks of their flowering and would continue to do so if kept watered, but if the ground is tramped down, as it soon becomes with the daily picking, and little rain falls, they soon play out.

It is worth mentioning here, incidentally, that often the cause of our sweet peas giving us few if any blooms, after a short period of flowering, is because we do not pick them clean. What flowers you leave go quickly to seed, the plant has performed its principal function, and that is the end of growth. Keep every flower picked off. If you can not sell them, throw them away, and, when picking, if you notice any seed pods, off with them.

Now here, with sweet peas, is where mulching comes in with much benefit. Hoe the ground deeply between the rows and on all sides of them and then cover the whole surface with at least two inches of mulch. There is nothing finer for a mulch than decayed refuse hops, but John D. Rockefeller, John Westcott and those who vote the prohibition ticket might have scruples about using this material from its associations with a certain unspeakable industry. Long stable litter does finely.

Mulching Roses.

Rose and carnation growers mulch, particularly in fall and winter, not to keep their beds moist but for a fertilizer or stimulant. We mulch outdoors in summer to keep the soil moist and to be able to water without baking or crusting over the surface. Mulching is of the greatest benefit to all plants in summer but neither convenient nor necessary with all. Nowhere is it of more benefit than with our summer roses. Not only with the tea and hybrid tea and Bourbon classes, but with the strong growing hybrid perpetual roses is mulching a necessity, for you cannot get the best results without copious waterings, and then you must either hoe or mulch, and mulching will save labor. Some dozen or more beds of H. P. roses under my care, which I shall always think of with a slight temporary enlargement of the cranium, were kept clean, vigorous and a mass of bloom for two months by three inches of a rich mulch and copious applications of Lake Erie. "How do ye keep the bugs off?" was asked a thousand times. "With cold water at thirty-five pounds pressure, madam," was the short but truthful answer. And who would expect a fine bed of Maman Cochet, or Carnot, or other summer tea roses, without a mulch and frequent watering?

Gladioli.

These splendid flowers are lovers of water and growers of ten or thirty acres have ample hose facility to flood them and later run the cultivators through them. If not possible to water yours, then cultivate or hoe frequently.

Don't Water.

While I have tried to mention a few of the important florists' flowers that must be watered in dry weather, and all experienced gardeners know all this, there is with the average owner of some flower beds, and especially with the person



Peony M. Jules Elie, Shown by the Cottage Gardens.

known as "hired man," eight parts hoss and cow man and two parts gardener, there is more harm than good done with the indiscriminate use of the hose. Beds of plants such as cannas and caladiums, the more they are watered the more luxuriant they grow. Then again there is the universally popular geranium, and the coleus, and the carpet beds. After once covering the ground, so that you can no longer hoe, they seldom need any artificial watering. We never saw geranium beds that equaled in brilliancy those that were never watered after the first sensible watering, when they were put in the ground. Geraniums with the abuse of the hose will grow long, spindling, all leaf and poor flower and coleus will run up to straggling shape and lose the bright rich colors.

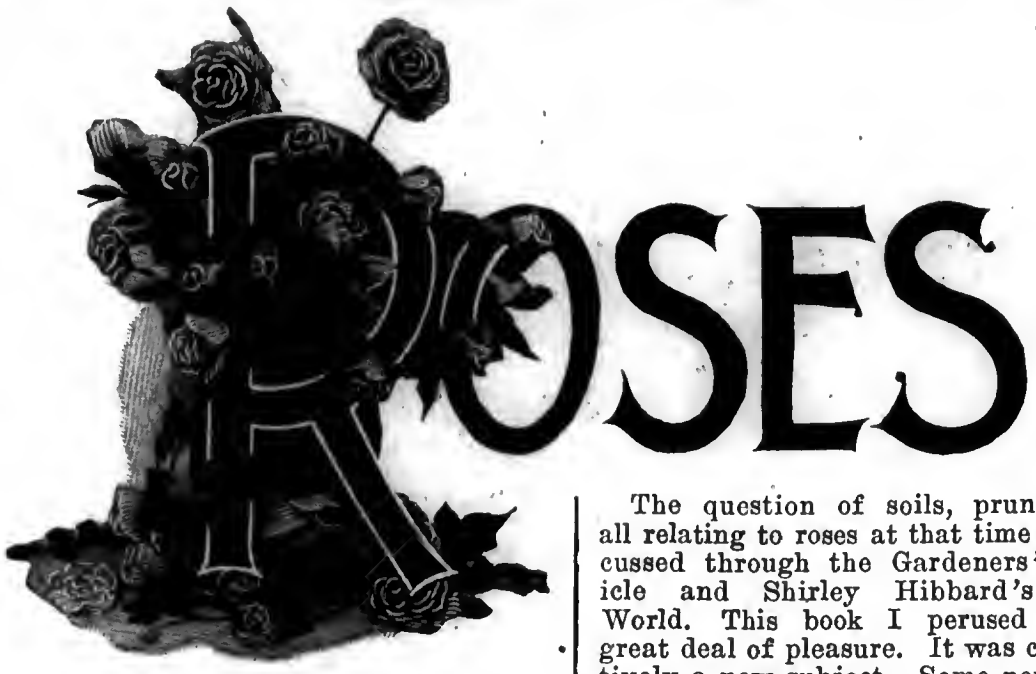
Mulching Transplanted Trees.

I meant further up to speak of the great benefit of mulching young trees recently transplanted. Under the most favorable conditions, good roots and pruned back and properly planted, mulching is not a necessity but how often these conditions do not exist! I have seen many a young tree planted in April come out in leaf and appear to be doing well up to this date; then give up the ghost. The same, and perhaps oftener, occurs with evergreens planted in May. They exist and attempt to make their young, tender growths; then the warm, dry weather sets in and they give up the struggle. Many a young tree, Norway spruce and Austrian pine, we have seen saved for future life and beauty by forking up the ground for a space round them, putting on a heavy mulch and then a soaking. Now is the time to save them.

"In conclusion," as our pastors say, if you water, then hoe; if you can't water, then hoe often. And if you can water and mulch afterwards you are doing well.

In the last issue my pencil must have slipped, for I was made to say that salisburia grows on the verandas in Buffalo. I meant to say aristolochia.

William Scott.



GROWING GARDEN ROSES.

[A paper by M. H. Walsh, Wooda Hole, Mass., read before the Gardeners and Florists' Club of Boston, June 20, 1905.]

I thank you most heartily for the honor you confer by inviting me to speak a few words to you this evening on "Rose Growing." The subject is one you are all familiar with, being either professional gardeners or florists, or both. The subject will, of course, be old and somewhat dry; so much has been said and written I feel there is nothing new I can speak of, and at most my remarks this evening on rose growing can only recall to your memory what many of you learned in your apprenticeship in other lands.

History of Rose Culture.

There is no secret in the growing of garden roses. The fundamental principles of growing roses as taught and practiced forty-five years ago in England, and that is as far as my memory serves me, hold good today. While we have to modify to some extent, owing to climatic conditions, the salient and most important essentials apply to rose growing in the open ground here.

The question of soils, pruning and all relating to roses at that time was discussed through the Gardeners' Chronicle and Shirley Hibbard's Floral World. This book I perused with a great deal of pleasure. It was comparatively a new subject. Some new varieties had been originated since 1845, when the old rose, La Reine, was first discovered, and this rose was the first break of the new class of roses called hybrid perpetuals or hybrid remontants. This class multiplied very rapidly after 1860. While at that date the varieties numbered only about twenty-five or thirty, today they run into the hundreds. Many which were grown at that time are displaced by superior kinds. It is a most encouraging sign to see an increased interest throughout the country. While I cannot expect to tell you anything but what you already know, I may interest you by recalling pleasant recollections relating to roses.

The Essentials.

There are several phases and aspects in the successful growing of roses. In order to grow fine roses each one must be closely observed. Neglect or failure to carefully attend to the requirements of this flower will manifest itself in the appearance of the plants. They will speak for themselves, as it were, and will make evident to the familiar and keen observer whether they have received the proper treatment, and so forth, for their best growth and development.

The important essentials are soil, location, quality of stock, pruning, watering, guarding against insects, fungus and mildew; hoeing, etc. All these contribute to the health and vigor of the rose plants. Neglect or failure to attend to them will show to a greater or less degree as they all combine to make the perfect rose.

Soils.

That hardy roses will grow in ordinary garden soil cannot be questioned, providing drainage, location and so forth are right. The quality of the flowers, however, will be just in proportion to the culture they receive.

Hybrid perpetual roses delight to grow and thrive best in a stiff loam. A little clay mixed in the soil is beneficial; this retains moisture and keeps the soil cool. Good drainage is an important factor, as roses will not thrive satisfactorily in cold, stagnant soil; therefore drainage should be provided if the subsoil is not porous to leach away surplus water. It is not during the growing season, however, with our usually hot, dry summers that improper drainage affects the health of the plants, but in the early spring, when growth should take place; the plants will show the effects, having winter-killed badly and are loath to start. This is caused by cold, wet ground. Probably the roots were encased in ice



Rose Frau Karl Druschki.

during the past two months. Therefore, while this seems a small matter, it is one of the essentials which should not be overlooked, as this contributes largely to the health of the plants. Roses do not like cold toes.

Location is another important essential to the proper growth of roses, an exposure from southeast to southwest being the ideal spot. The early morning sun is most beneficial, as the plants make more growth from sunrise to 8 a. m. in the open than during the rest of the day. A spot sheltered from the strong winds and fully exposed to the sun should be chosen to get the most satisfactory results.

Food and Water.

It is needless for me to remark that roses are gross feeders, and that means good, rich soil. The plants will tell you the condition of the soil. If in good soil well cultivated, and by that is meant watered when necessary, keeping from insects, fungus and mildew, the foliage will be luxuriant and strong and a pleasure to look at. If, on the other hand, the growth is weak and the foliage more yellow than green, it would denote poor soil, poor drainage, or both, or lack of sufficient plant food. The keen observer quickly detects this condition and, of course, takes steps to apply the remedy.

A good rose bloom carries with it good foliage; you cannot well get one without the other; they are inseparable, as the flower is only the foliage developed. This means good food, frequent syringing and applications of water when necessary. The leaves of the plant are termed the lungs of the plant and they absorb a great deal of nitrogen from the soil; therefore the necessity of rich soil, as you cannot get nitrogen if there is none in the soil. You cannot take from the soil what it does not contain. It is from the soil the plants sustain life and exist. The soil should receive careful consideration.

Stir or hoe the ground frequently, weeds or no weeds. The proper time to hoe is when there are no weeds; this is beneficial to roses. Hoe a piece for proof of this and leave a piece alongside not hoed. Look at the two pieces or rows of plants; the following morning compare and observe which has the heavier dewdrops on the leaves and consider whence it came on one row of plants and not on the other.

Pruning.

The pruning of hybrid perpetuals should be carefully done, having in mind the character of the varieties. The weak growing varieties, such as Gustave Pigneau, Marie Baumann, Marie Finger, and others of like character, should be pruned to three eyes from the ground. The more vigorous growing kinds should be pruned six to eight eyes from the ground. That is to say, for the weak growing kinds prune close as above, and for the more vigorous, not so close. This may be termed pruning for quality.

The method pursued generally in this country appears to be based on quantity rather than quality, sparing the knife and exhausting the plants by over-cropping and producing quantity instead of quality. Far better sixteen or twenty good, first-class blooms than forty or more inferior ones. By pursuing this system of pruning it promotes and encourages strong, vigorous shoots for the following year's blooms. The number of shoots for the plants may be determined by the size and vigor of the plants. This applies to the hybrid perpetuals or remontants.



M. H. Walsh's New Everblooming Rose, Urania.

Close or severe pruning, as it may be termed, practically produces strong, young, vigorous wood, even on very old plants, and they may be grown for many years, providing, however, the plants are taken up and roots pruned once in six or seven years.

Best Hybrid Perpetuals.

The following list contains the names of what the writer considers twenty-four of the best varieties: Alfred Colomb, Baroness Rothschild, Abéle Carriere, Chas. Lefebvre, Clio, Dr. Audry, Duke of Edinburgh, Earl of Dufferin, Etienne Levet, Frau Karl Druschki, General Jacqueminot, Heinrich Schultheis, Horace Vernet, Jubilee, Louis Van Houtte, Madam Gabriel Luizet, Marie Baumann, Marquise de Castellane, Maurice Bernadine, Mrs. John Laing, Mrs. R. G. Sharman-Crawford, Margaret Dickson, Prospier Laugier, Ulrich Brunner.

Winter Protection.

I find drawing the soil around the base of the hybrid perpetuals as you would hill up potatoes sheds off the rain, keeping the soil dry around the base of the plants. Hill up eight or nine inches and fill in and over the surface four or five inches of manure. This protects the roots and is in good condition to dig in the spring. This may be done early in November, it having a tendency to harden and ripen up the wood before severe cold weather sets in. The object of hilling up is to protect eight or nine inches of the wood; it matters little if the tops do winter-kill. Sometimes I think it is a blessing in disguise, especially where close pruning is not practiced.

Remedies.

Hellebore dusted on the leaves early in May, when the second leaf appears on the young shoot, will destroy the leaf roller or slug. Usually two applications are sufficient, unless washed off by the rains. When the white thrip or hopper appears, it indicates lack of moisture in the soil, as this thrip will not attack the plants except in the hot, dry weather, when the ground is deficient in moisture. Call into requisition the force pump or hydrant hose, syringing the bushes on the under side of the leaves. Do not wait for the elements to supply water; delays are dangerous.

For exterminating aphis frequent syringings with the force pump or hose will prove effective and beneficial. For mildew, sulphur dusted over the affected plants will allay this disease. For rose or Hessian bugs, hand picking is the only effectual remedy. A good preventive is to plant nearby some small white shrubs, viburnum or white wigelias. These will draw the rose bugs away. A white flower has a peculiar attraction for them. You have noticed how they select the white or lighter colored roses rather than the darker colored. This bug is the most detestable and destructive pest to contend with.

Hybrid Tea Roses.

These may be properly called the true perpetual roses. While the number of varieties which have proved hardy enough to withstand our climate is not large, there are at least fifteen varie-

ties which prove most satisfactory with careful cultivation and protection.

This class of roses requires a light, sandy soil for best growth and development. The hybrid teas are growing in favor each year. This is the coming rose and in the course of ten years I predict these will displace or supersede the hybrid perpetuals. The large number of new varieties which will be introduced within the next two years, together with the varieties proving hardy and already being grown here, will make a list of everblooming roses.

This rose appears to withstand our severe winters as it becomes acclimated. To my surprise, I found Madame Abel Chatenay to have stood the winter by simply drawing the earth up around the base of the plants, no other protection being provided.

Moisture or wet heavy soil is not suited for the hybrid tea; therefore a light, sandy soil, well enriched, is desirable; the lighter the soil, the drier and warmer. To carry these through the winter the soil should be drawn up around the base of the plants not later than November 15. This tends to ripen up and harden the wood to better withstand the winter. A layer of coarse beach hay placed over the surface of the ground and around the plants answers well and it does not hold the water. Over this place some evergreen branches to protect the plants from the sun and cold winds. The cold March winds and strong, bright sun cause much injury to all roses as well as to trees and shrubs.

The Best Varieties.

The following list of hybrid teas is most desirable: Augustine Guinnoseau, Caroline Testout, La France, Bessie Brown, Gruss an Teplitz, Maman Cochet (white), Maman Cochet (pink), Mme. Abel Chatenay, Madam Joseph Combet, Ferdinand Jamain, Flush O'Dawn, Kaiserin Augusta Victoria, Papa Gontier and President Carnot.

Hybrid tea roses require little pruning, cutting out the weak shoots and dead wood being sufficient.

Hybridists' Best Field.

The long season of blooming of this beautiful class of roses beginning in mid-June and continuing until November, together with their beautiful colors and fragrance, makes them much in demand. A rose which will bloom all summer and prove hardy with careful protection will be the popular garden rose. This class is being increased in this country, as well as in England, Ireland and Germany, the constitution of these new varieties being strong, to withstand our severe climate. The rose hybridizers in the United States are at work to improve and perfect this new class of roses, a process which is naturally slow; but there is much work being done and in due course results will be known. This cannot be accomplished in one year or two, as with carnations; it requires at least five years before the character and quality of these new roses become permanently fixed. The writer has one plant seven years old flowering this season for the first time. Patience is a virtue the rose hybridist should possess. Oftentimes it requires two years for rose seeds to germinate, while in some instances the seeds will germinate in about four to six weeks.

Nature is not lavish in giving us improved varieties; therefore they cannot be produced at will. Thousands are raised and tested but only a few chosen. The quality and standard of roses are improved and it becomes more difficult to produce new and meritorious varieties than was the case ten years ago. All gardeners and florists should interest themselves in this most fascinating work, possess themselves with patience and experiment on the lines along which in their good judgment they would get the best results.

Climbing Roses.

Within the past ten years there has been introduced what may be called a new race of climbing decorative roses for the garden. These are being grown by many at the present time in various forms, giving much pleasure and satisfaction as hardy climbing or trailing roses. These hybrids are the result of hybridizing, using the Japanese varieties as parents. These are valuable acquisitions to the already long list of varieties being grown at the present time. These new varieties produce a most artistic effect. When in bloom the contrast with foliage and flower, together with the delicious fragrance, place them easily in the front rank. These flower about the first week in July, prolonging the rose season in the garden fully four to five weeks. Some varieties flower a second time from September to frost. These may be used to great advantage grown as ground roses for covering banks, rockeries, etc. They grow most rapidly in ordinary garden soil well enriched. These require light pruning, merely cutting the tips of the shoots.

The following named are considered among the best in this class: Carissima, Debutante, Farquhar, Gaiety, Hiawatha, Lady Gay, La Fiamma, Philadelphia Rambler, Manda's Triumph, Dorothy Perkins and Wedding Bells. These roses may be used for edging for beds by pegging down and they are very effective with their mass of blooms.

Increasing Popularity.

Never in the history of this country has the rose been in such demand as at the present time. The popular interest and awakening in the garden rose is the best proof of the high esteem it commands as the queen of the garden. A most hopeful and encouraging sign of the times is the increased interest for garden roses, the work being done in making and planting new beds; the inquiries for the best garden roses and the new varieties and the increased demand for the Rambler class, and the increased intelligence by the amateur class in matters relating to rose growing.

It is evident the rose takes first and the prominent place in the garden and will maintain its title and position while flowers are grown. There is no flower that appeals to one so strongly as the fragrant rose.

May the developing and perfecting of the rose continue and may each year bring forth new types of American roses which will adorn the rose gardens of all who grow this beautiful flower.



STOCK TOO LATE.

I have about 1,000 carnation plants in 2½-inch pots, taken from the propagating bench June 1. They are too small to plant out and too late. Can I grow them inside? Have a very big, light house and plenty of room. Please give me the culture. C. E. S.

I would not advise you to plant such late struck cuttings with any hope for a paying crop next winter. It would be a waste of room, as they would give you at best a very light crop of blooms during the winter and in the spring you always have plenty anyway. It does not pay to plant anything but good, strong plants, either in the field or in the house for blooming.

Sometimes we propagate as late as we can of a very scarce and valuable variety (usually seedlings), but merely with a view to getting cuttings the next winter, but even then it is doubtful if it really pays, as the plants are seldom as strong as they should be and more liable to fall a prey to disease.

I would advise you not to use those plants, but if you are short of plants, visit the nearest wholesale place and buy what you need for planting when it is time. It will be dollars in your pocket. A. F. J. Baur.

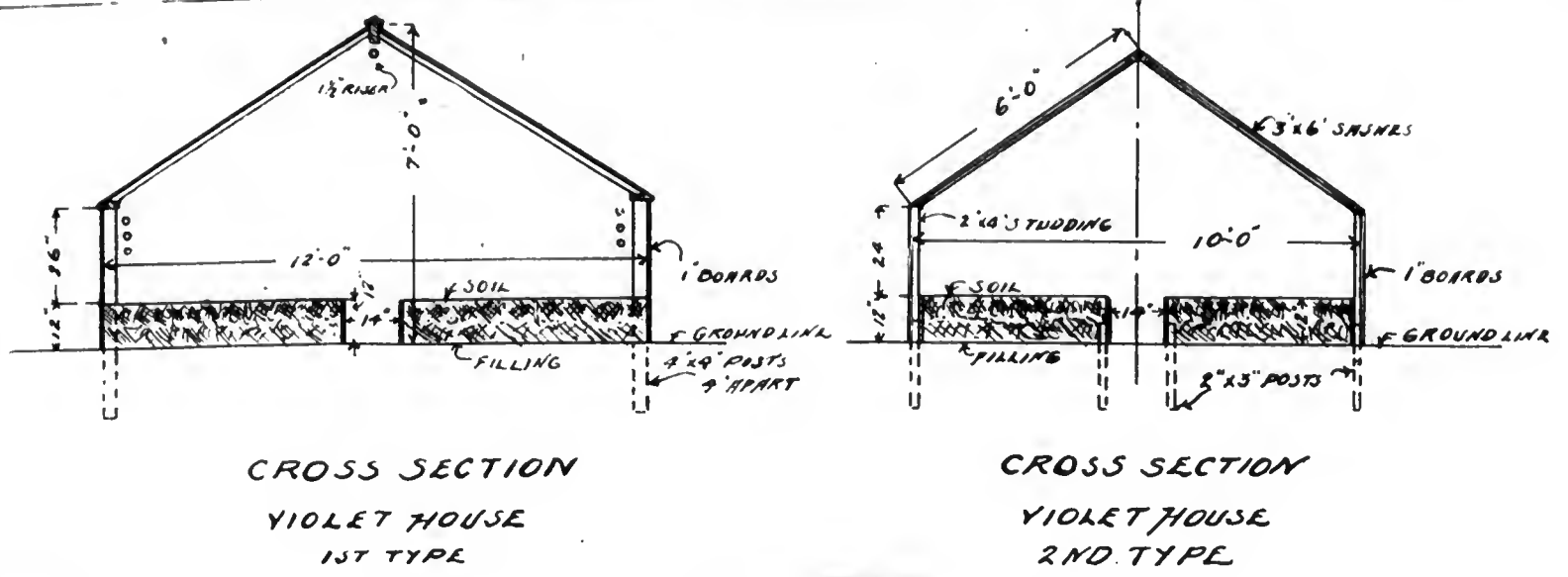
CARNATION NOTES.—EAST.

Topping.

Upon the attention given to topping will depend the future shape of the plant and it goes without saying that those evenly-branched or symmetrical in shape give the best returns. Varieties differ somewhat in natural habit of growth, some making finely shaped specimens with comparatively little attention, while others, unless closely watched, become sprawly and hard to manage. No hard and fast rule can be laid down when and how often to top, so much depends on weather conditions, so the plan of setting apart a certain day each week to go over the plants is not to be recommended.

The careful grower will have his eye on practically every plant, at least every other day. Not that he will examine each plant minutely, but a rapid glance along the rows will show where attention is needed today and likely to be wanted tomorrow.

"Breaking back" was the term once used to define this operation, and the



CROSS SECTION VIOLET HOUSE 1ST TYPE

CROSS SECTION VIOLET HOUSE 2ND TYPE

name went well with the manner in which the work was performed, but we have learned by experience that plant tissue, like human flesh, will heal more readily when cut than when broken or torn; therefore a sharp knife is indispensable, for it is obvious that the sooner the wound made in cutting off a shoot heals, the sooner active growth is resumed, to say nothing of reducing the chances of floating disease germs gaining entrance.

Under no circumstances should the center leaves of a shoot be pulled out. Ill shaped, stunted and otherwise objectionable plants are frequently the result of this practice. Allow the shoot to grow until distance between joints allows the form of the stem to be clearly seen at the point desired to cut.

The disposition with beginners seems to be toward topping too high, the result being a top-heavy plant. Nothing is more desirable at housing time than sturdy stock. This can be handled much more rapidly and gives better satisfaction than the tall, unwieldy kind. More importance should be attached to shape and healthiness than to size. The medium grades are preferable to extra large. GEO. S. OSBORN.

SOCIETY OF AMERICAN FLORISTS.

The Western Passenger Association, which controls the territory westward from Chicago and St. Louis to Cheyenne, Wyo., and including all points in Colorado, has authorized a rate of one and one-third fare on the certificate plan, in co-operation with rate announced by the other passenger associations, for persons attending the S. A. F. convention at Washington, D. C., August 15-18, 1905. This extends the concession to the whole territory from which members are likely to travel, with the exception of the Pacific coast, which is not under the jurisdiction of any passenger association.

Full instructions as to how to purchase tickets and secure certificates entitling the passenger to reduced rates will be published in the prospectus in July.

Department of Plant Registration.

The Conard & Jones Co., West Grove, Pa., submits for registration Rose American Pillar, described as plant of climbing habit; growth most vigorous; foliage very large and glossy; flower, clear, rosy pink, single, three inches in diameter, produced in enormous clusters and great abundance; very durable and fragrant.

Also, Rose Birdie Blye, Helene x Bon Silene, described as an ever-blooming climber, producing clusters of blooms during the whole growing season; flowers, large, very double; color, beautiful rosy carmine and of delightful fragrance. WM. J. STEWART, Sec'y.

GERANIUM TROUBLES.

I have received a geranium in a 4-inch pot, growing in the black, rich looking prairie soil of Illinois. The one who sends it says this is how his geraniums act: "When repotted they will grow very well for a short while; then the leaves turn yellow at the edges and finally fall off." The speciment sent would be a good plant if it had healthy leaves. The stems are stout and healthy but what leaves are left are very small, such as would first appear if you had pulled off the large leaves. It looks as if this plant were injured by some obnoxious gas. We have seen geraniums have the same appearance when affected by the fumes of natural gas and also by coal tar foolishly put on the pipes. We shall grow this plant in the same soil and pot and if it does not make a healthy start and growth we will wash off the soil and repot in our clay loam. From that experience we ought to find out where the trouble lies and will be very pleased to report results later. It is not likely that the water is the trouble, or it would show on other plants more quickly even than on geraniums. W. S.



VIOLET GROWING.

By B. T. GALLOWAY.

Violet Houses.

Violets may be grown in almost any kind of a house. Our preference, however, is for a narrow, even-spanned structure, running north and south. The house should be twelve feet wide and seven feet high from bottom of the walk to the ridge; should have one walk fourteen inches in width and twelve inches deep; side walls twenty-six inches high; two beds, each five feet five inches wide and twelve inches deep. Such a house 100 feet long will hold 2,000 plants, and may be built complete, with hot water heat, for from $500 to $700. The cost will depend in large measure on the ability of the man himself to do the main part of the work. In the present day nearly all greenhouse material can be bought already run out, and it does not require any special skill to fit the parts together. Ridge, sash bars, plates, gutters, posts—in fact, everything—can now be bought ready for cutting and fitting. Almost any man who can handle a hatchet and saw can do this. The matter of heating is furthermore very much simplified. Boilers can be had ready for the fitting of the pipes, and the running of the pipes is not a difficult operation.

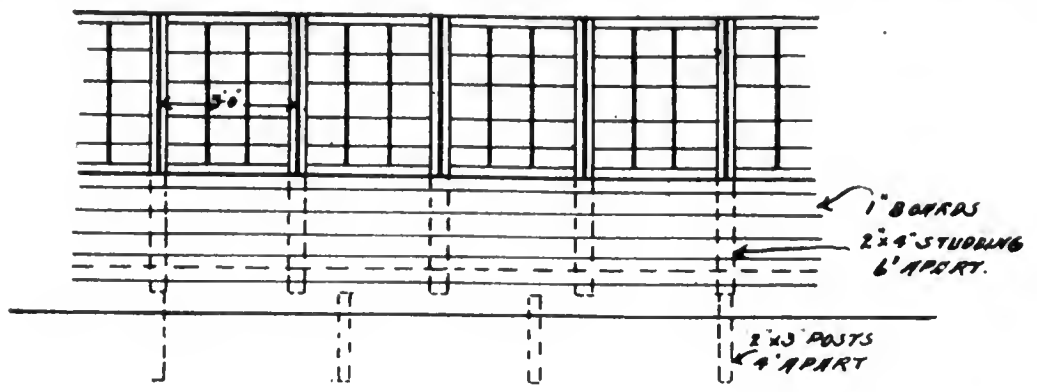
It is, of course, not practicable in such a paper as this to give a full list of materials required for a house such as has been described. Such a list will, however, be forwarded by the REVIEW to any one who desires it, provided 2 cents in stamps are sent to cover the necessary postage.

The accompanying illustration will give a fair conception of the general structure of such a house.

A cheaper and simpler type of house may be constructed of 3x6-foot sash. These sash are to be found on the market ready glazed and painted. The price varies from $2 to $2.25 each, complete. The sash house may be ten feet wide, including the center path, which should be fourteen inches in width. The beds may be twelve inches in depth, each four feet wide. The construction of such a house is very simple. Ordinarily the beds are made first, using 12-inch rough pine or hemlock boards for the purpose. The boards for the beds are nailed to 2x3-inch hemlock posts, set four feet apart and placed twelve to fourteen inches in the ground. For the purpose of giving solidity to the beds and in order to keep the house from spreading, the posts for the walks and those for the outside of the beds are wired together. In order to support the sash, upright posts of 2x4-inch hemlock studding are nailed to the sides of the beds. These posts are placed about six feet apart and project above the beds two feet. Upon them is nailed a plate of 2x4-inch hemlock or pine, upon which the sash are allowed to rest. The upper end of the sash is then beveled and is brought together at the top without a ridgepole. A couple of screws at the bottom and the same number at the top hold the sash in position. About every fourth sash should be hinged at the bottom for ventilation. A house 100 feet long made of sash can be built for $300 to $350.

(To be Continued.)

CORTLAND, N. Y.—Bain & Heck have bought the Hopkins greenhouses.



SIDE ELEVATION
VIOLET HOUSE
2ND. TYPE

ST. LOUIS.

The Market.

Midsummer dullness is now upon us. The week just passed about wound up the school commencements and weddings. Still, there will be a few more on the smaller scale. The away up society folks have packed up and left the city for the summer, so the demand for flowers from this source is over for this season.

The weather here is very hot and rain is badly needed for the stock in the fields. There are still plenty of flowers of fairly good quality for this time of the year. Brides and Maids are still in good shape, also Kaiserin and Meteor. Some extra good Jacqs are in, but somewhat short in stem. There are plenty of short-stemmed Beauties; fancy long are limited.

Carnations, that is, good ones, are scarce, but there is plenty of small and poor stock in the market. Sweet peas are a big glut in all varieties. The best stock brings only $1.50 per thousand. Lily of the valley still has some call, with enough good stock from local growers for the demand. Outdoor stock, such as cornflowers, daisies, yellow lilies and candytuft is plentiful. The "green goods" are, as usual, equal to all demands.

Various Notes.

Frank Weber, one of our local nurserymen, entertained some thirty nurserymen at Delmar garden on June 12, the whole party leaving that night for West Baden Springs, Ind., where the nurserymen held their annual convention. Mr. Weber has returned and reports a large meeting and a good time.

Robert Meinhardt, until recently bookkeeper for C. A. Kuehn, has opened a retail store at the corner of Sarah and Suburban streets, which seems to be a good location, as he reports a good trade.

Max Rotter, who was recently bitten by his dog, is on the road to recovery. He had the dog shot.

Carl Beyer is about again. His hand, into which he ran a rusty nail, is in good shape again. Luckily it was not his bowling hand.

A. G. Bentzen had the bouquets for the high school graduates, seventy-five in number, and Mrs. Ayers had the hall decorations at the Odean.

Alex Siegel has returned from his trip to Chicago. He is contemplating a fishing trip in the near future.

The transportation committee reports that indications are favorable for securing very satisfactory rates to Washington. The present plans are to go by way of Cincinnati over the B. & O. and from there travel with the Cincinnati, Louisville and Indianapolis delegations to Washington. This should make a pleasant trip.

Mr. and Mrs. J. C. Vaughan, of Chicago, spent Monday in St. Louis on their way home from the west. Mr. Vaughan during the day entertained a few of the local florists at a dinner to talk over S. A. F. matters. It was a very enjoyable affair. Among those present were Fred Meinhardt, Charles Juengel, Otto Koenig, Henry Berning, R. F. Tesson, Dr. A. S. Halstead, F. J. Fillmore and J. J. Beneke.

Bowling.

Five St. Louis florists journeyed down to DeSoto, Mo., last Saturday night as guests of the Hibbert Floral Co., and the Business Men's League. The bowling took place at the Y. M. C. A. alleys. We all had a good time. The DeSoto boys beat us fifty pins in the three games bowled and not until the last game did the boys get the hang of the alleys, which were fairly good. The only drawback was the light. The DeSoto boys will be entertained by us on the big bowling night, September 4, at the Palace alleys. The scores of the match were as follows:

St. Louis.	1st	2d	3d	T'l
Beneke	138	146	168	452
Beyer	148	150	183	481
Gerlach	134	93	124	351
Meinhardt	140	130	141	441
Ellison	138	172	210	520
Totals	728	691	826	2245
Hibberts.	**1st**	**2d**	**3d**	**T'l**
Hibbert	147	142	136	425
Hinchey	187	156	147	490
Price	134	200	139	473
White	164	159	151	474
Huskey	128	179	126	433
Totals	758	836	699	2295

J. J. B.

SIOUX FALLS, S. D.—While in Chicago this week Joe Tosini bought the material for two new greenhouses 16x80.

RITTERSVILLE, PA.—On June 15 fire did $500 damage to the home of John Horn. The greenhouses, a few feet away, were not injured.

BALDWINS, N. Y.—George T. Schuneman sails for Europe June 27 on the Kronprinz Wilhelm. He will spend a month in the vicinity of London, Paris and Berlin.

CARTHAGE, MO.—B. W. Specce reports trade very good this season. He has sold out of stock very cleanly and will have to stock up on many things. He lost about 100 panes of 10x12 glass in the recent hail storm but did not think the claim worth presenting to the Hail Association.

ONE cannot be anything but pleased with the REVIEW; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. LODING.



Field of Pansies Grown for Seed by Peter Brown, Lancaster, Pa.

"GREEN GOODS"

Headquarters for SMILAX and ASPARAGUS

FOR JUNE WEDDINGS AND COMMENCEMENTS

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AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$3.00 to $4.00
24-inch stem	2 50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4 00 to $6.00	

	Per 100
Brides, Bridesmaids	$3.00 to $ 6.00
Chatenay	3 00 to 6.00
Kaiserin, Golden Gate	4.00 to 8 00
Liberty	4.00 to 10 00
Carnations	1.50 to 2 00
" large and fancy	3 00
Peonies, per doz., 50c to 75c	4.00 to 6.00
Valley	2 00 to 4.00
Callas, per doz., $1.00 to $1.25	
Easter Lilies, per doz., $1.50	10.00
Sweet Peas	.50 to 1.00
Mignonette	35 to .75
Marguerites	.75
Shasta Daisies	1.00 to 1.50
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Galax, per 1000, $1.25	.15
Adiantum	1.00
Smilax, per doz., $1.50	10.00

NEW FERNS

This season's first pick in the Berkshire Hills; the best Massachusetts stock. $1.50 per 1000; 20c per 100.

Ask for special quotations on 1000 lots Roses and Carnations.

Subject to change without notice.

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

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Mention The Review when you write.

CHICAGO.

The Market.

Conditions have changed but little in the past week. Very large quantities of stock have been moved, for the June weddings and school affairs have made a great deal of extra business. Good stock has brought satisfactory prices, but so large a proportion of the receipts in most lines are below the standard that it is impossible to dispose of all of this class of material and averages are made very low.

The supplies of Beauties are no heavier than in the past two weeks and the call has been better, so this item is making a fair showing, considering the small buds and poor color of most of the cut. There are some very fine Liberties which are bringing good money. High grade Chatenay is seen but does not do as well. Kaiserin in the better grades brings a fair price because preferred to Bride. Both Bride and Maid are small and soft, typical summer stock, and the many rains and sudden changes in temperature have brought mildew upon the stock of all but the most careful growers. The short and mildewed stock can hardly be disposed of even by the boxful to the Greeks.

An unusual apathy has come over the carnation market. Receipts are not excessively large and quality is good for so late in the season, but there seems to be no demand for the flower. Accumulations are seen in most of the wholesale houses and very low averages are made. Sweet peas continue very abundant, but have sold fairly well. Valley is not so plentiful and brings fair money. Callas are frequently unobtainable but there are moderate supplies of Easter lilies and auratums are coming in.

The end of last week about cleaned up the peony crop, except for the cold storage stock, which will bloom in quantity these many days. There are so many peonies in storage that some dealers fear it will be impossible to clean up and they are sacrificing the lower grades of stock. Good peonies will, however, command the usual prices from now on. Sales at $1 per dozen for extra fancy stock were noted this week, but 50 cents is a good price generally. It appears that thus far in spite of the very low prices which peonies have brought for the past ten days, still the crop has brought better money than it did last year.

There are large quantities of outdoor flowers which meet with a very slow sale. Receipts of "green goods" are much larger and the stock in most instances is very good. Prices are weaker in this department.

Various Notes.

The meeting of the wholesalers last week accomplished nothing more than winding up the affairs of the teaming association. During the strike the wholesalers' teams handled nearly 8,000 boxes of "funeral flowers" at a total expense of $841.60. Is there another industry in Chicago which got off as cheaply? The expense was paid by the wholesalers in proportion to the number of boxes they shipped. The cost was between 11 and 12 cents per box.

The E. Wienhoeber Co. reports a very good run of wedding work this week.

A. Londenberg, of Hobart, Ind., was in town last week, purchasing building material for a new range of greenhouses to be erected at Valparaiso. The business there will be known as the Valparaiso Floral Exchange, A. Londenberg & Son, proprietors.

N. J. Wietor went north Saturday night for one of his periodical fishing expeditions. Other piscatorial enthusiasts in the market are Mrs. Horton, of Bassett & Washburn, and E. C. Amling.

A drug company from Detroit has made a lease on the old Carson, Pirie, Scott & Co. store, which has been occupied for several months by Lubliner & Trinz.

E. C. Amling is handling some very good clematis and finds it a fair seller for wedding work.

Flint Kennicott has been laid up with the rheumatism, but is able to be about aided by a cane.

The John C. Moninger Co. says that the May business was the largest of any month in the history of the concern.

Kennicott Bros. Co. is receiving some very fine auratums. Mr. Pieser says he has every confidence that peonies will sell out clean.

M. F. Freres, who was formerly manager of the Winandy wholesale store, is now doing a successful retail business at 816 Thome avenue.

A. C. Spencer, at Peter Reinberg's, says shipping trade is exceptionally good but that city trade is very light. He says it will be the best June Mr. Reinberg has ever had, beating the exceptionally heavy month of two years ago and running nearly fifty per cent to date ahead of last year.

During the strike Poehlmann Bros. Co. brought their stock to town in their own

wagons. They liked the way it traveled but it took a good deal of time, so they tried an automobile. The auto made time but one day it got a hot box and stock was delayed until a wagon could be procured. Then, on a hot afternoon, a horse gave out. And now the stuff comes by train again.

Henry Koropp has sold his interest in the Sheridan Park Floral Co. to his cousin and partner, Leopold Koropp, who will continue the business. It is the old E. Asmus & Co. place. Henry Koropp has negotiations under way, and likely to be closed this week, for the purchase of the Albert Fuchs' place.

Percy Jones says that at the Growers' Market peonies are far and away the best selling item.

Leonard Kill is at Memphis for a few days on business.

Robert Northam is now with Joseph Foerster at George Reinberg's. They are handling a fine cut of Liberty. The way this rose has bloomed all season for Mr. Reinberg has been a great pleasure.

O. W. Frese has both hands tied up as the result of poisoning with rose thorns.

Club meeting tonight.

There have been a large number of visitors in town this week, due to a rate war between the western railroads, which were competing for the patronage of the Modern Woodmen, who have been in convention at Milwaukee. Among the many trade visitors were F. J. Olsan, Ames, Ia.; Jos. Tosini, Sioux Falls, S. D.; J. G. Crozier, Cedar Rapids, Ia.; J. R. Elder and daughter, Sioux City, Ia.; John Christiany, Sheldon, Ia.; A. F. Beyer, South Bend, Ind.; Peter Freeman, Aurora, Ill.; W. H. Culp, Wichita, Kan.; Mr. Emmons, of the Cedar Rapids Floral Co., Cedar Rapids, Ia.; C. S. Meek, Mt. Vernon, Ia.; W. M. Bomberger, Harlan, Ia., who was accompanied by his son from Lake Forest, Ill.

PHILADELPHIA.

The Market.

Much of the locally grown stock now coming into the market is of poor quality, necessitating our wholesalers drawing on more favored sections for certain varieties of flowers. The hot wave has hastened the downfall of tired-out plants and house after house is being thrown out to make room for young stock. Some good Kaiserins, valley and a few carnations are coming in. John Burton has some nice Chatenay, while W. & Harry F. Evans continue to send extra fine centaurea from the old Cox place to the Leo Niessen Co.

Newport and Westerly add their quota of good roses. There are still a few good gardenias, but orchids are about over. The quantity of poor carnations, Brides and Maids that are practically valueless is large. Sweet peas are so plentiful that the question of whether it pays to pick them is a problem at this busy time. Business has been good up to Tuesday, but the general feeling appears to be that it is over for the season.

A Parisian Episode.

A young Philadelphian went abroad recently. He met a very lovely lady on the steamer, with whom he chatted, or read, or promenaded the deck much of the time during the voyage. The girl's home was in Paris. When our townsman arrived there he went to the florist's shop and sent her some flowers. Fancy his amazement when her brother immediately challenged him to fight a duel on the ground that his sister had been insulted by having flowers sent to her. The young lady prevented the duel, explaining that the Philadelphians did not understand that it was not customary in France to send flowers to unmarried ladies. Many of the frequenters of the "Cafe," on hearing this story, wished fervently that such custom should prevail here. So do not I.



New Home of M. Rice & Co., Philadelphia.

Their New Home.

A beautifully designed building with brown stone front, the air of quiet dignity of which attracts the passerby, is the new home of M. Rice & Co., at 1220 Race street. The moving is finished, all the supplies are unpacked and in their places, new importations are arriving and the force in various departments is working as industriously as though the firm had been there a year instead of one short week.

Through the courtesy of B. Eschner I am able to give the Review readers an impression of the building and its contents. Mr. Eschner proposed that we start at the top and come down, reversing our business axiom in this instance for sake of convenience. The fifth floor is 20x100 feet, with large windows at each end, high ceiling, good ventilation, is reached by a stairway, a freight elevator and is connected at the rear with the stairway in a fire-proof tower built entirely independent of the rest of the building. This general description applies to every floor. To it may be added self-closing doors, a neat toilet room and an elaborate protective system arranged to prevent accident as well as burglary. This floor is used as a storeroom, the goods being unloaded from Quarry street in the rear and run up on the freight elevator. The entire floor was full of supplies when I saw it. The fourth is also used as a storeroom and is identical with the fifth excepting in the variety of stock.

The third floor is used a workshop. Here a force of men were busily employed making wheat sheaves. The wheat, previously moistened, was laid on a long table, each worker having a pile before him from which he made up the sheaves with great dexterity. Racks nearby are used for drying the wheat. Here also the immortelle and metallic wreaths are made, as well as a variety of other work at which the employes in this department have become exceedingly expert, the foreman having been with M. Rice for sixteen years and several of the other men for periods nearly as long. Screens are another specialty. Some that were complete were being moved to the lower floor for display.

The second floor is used as a show room. Baskets in a profusion of styles are a feature. Great rows of beautiful fancy baskets were flanked, as the war correspondents say, by staple baskets, just one of each style, as a sample only, orders being filled from the stores above. The first floor is devoted to the ribbons, tastefully arranged in display cases on the left as you enter, the offices on the right and a great variety of supplies as a main army further back. Both this floor and the one above are fitted with roomy lockers under the cases or shelves. The offices are very convenient. A force of young women were hard at work in the front part, with the cashier at one end and the firm's private offices at the other. Adjoining are Bell and Keystone telephones with double doors so that each may be reached from the office as well as from the main part of the store. In the basement was a Mercer steam boiler, absestos covered, facing the coal bin right off the sidewalk and further back lots of space for packing cases. An electrician was at work putting the finishing touches on the electric lighting system. The whole building is admirably adapted to its purpose and is twice as large as its predecessor. I cannot close without telling you that both Stephen B. Greene and William Zirkmann were hard at work on the first floor.

Various Notes.

The Leo Niessen Co. will start the summer season July 1, when they will close at 6 p. m.

The statement made in this column last week concerning Robert Craig & Son was an error. Part but not all the creditors were paid off June 15 on the fifty per cent basis. The assignee, John Burton, is still in charge.

Henry I. Faust, of Merion, received the order for the children's rose festival



A Daily Cut
From 40 to 60
GROWERS

AT THE SIGN OF JACKSON TRADE MARK

Peonies, Peonies Peonies

We have the largest stock of Choice Peonies (all colors) in Chicago and can supply them by the **DOZEN OR THOUSAND** as late as July 15. **Price, $2.00 to $5.00 per 100.** Try a sample shipment. We guarantee them to reach you in **FIRST-CLASS SALABLE CONDITION.**

We can also take care of your wants in

ROSES, CARNATIONS, ORCHIDS,
Sweet Peas, Valley, Greens, Etc.

Inside Chicago Market Quotations.

Most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO. 45-49 Wabash Ave. CHICAGO

ESTABLISHED 1894.

Mention The Review when you write.

at Strawbridge & Clothier's. He supplied 20,000 roses, placing his order with Fred Ehret. The roses, all indoor grown, were given to the children. It is unusual for a grower to receive such an order, the purchaser's idea probably being to buy direct from the producer.

Hugh Graham had a very large wedding order on Tuesday.

The creditors of the late Mark Reeves met on Tuesday. The liabilities amount to $4,000. The assets are small. Mr. Reeves' son hopes to continue the business which has been carried on at 2032 N. Broad street.

The roof garden of the Bellevue-Stratford was opened this week. Habermehl's Sons placed a number of decorative plants and prettily filled vases.

Edward Reid's gladioli were a feature of the rolling chair parade at Atlantic City. He is strong on Kaiserins and carnations.

Eugene Bernheimer is handling some nice fancy ferns.

William J. Baker is receiving some nice valley. Truth will out.

John Westcott entertained a large party of friends at Watertown last Saturday and Sunday.

Two prosperous looking men were noticed in roller chairs on the Atlantic City board walk last Sunday. It was at first thought they were Pittsburg millionaires, possibly members of the glass trust, but closer investigation proved that one was our well known commission man, William J. Moore.

Augustus P. Dumont, father of H. T. Dumont, died last Sunday. He will be missed from his post in his son's store.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

40—I have paid two assessments of twenty-five per cent each on my Flower Market stock. I am now obliged to pay a third assessment of twenty-five per cent or have my stock sold under the hammer. Do you advise me to pay it?

Decidedly. I believe the stock has a future. If liquidated today you would receive practically what you have paid.

PHIL.

BOSTON.

The Market.

Something like midsummer dullness now reigns in the market and prices average the lowest of the year. In roses some very nice new crop Beauties are coming in. Top price for select stock is $20 per hundred. Brides and Maids are very poor. Many are sold at $1 per hundred, some less. There is a fair demand for stock selling at $4 to $5. Kaiserins and Carnots are selling quite well and are the best indoor roses on the market. Good stock brings $4 to $6, some extra select $8. Liberties are poor. Outdoor hybrids are unusually short-stemmed, owing to the dry season. Jacqs bring all the way from $1 to $4, the latter price for these with stems fifteen to eighteen inches long, of which there are only a limited number. Luizet, Brunner and other kinds sell at similar prices.

Carnations are in heavy oversupply. A good grade brings 75 cents, a few very select $1.50 to $2. Many go at 50 cents and large quantities as low as $2.50 per thousand. Sweet peas deteriorate in quality. Prices range from 25 to 50 cents, good whites selling best. Peonies are not in as good demand as last year and prices run quite low, $2 to $5 per hundred. Festiva maxima and delicate pink shades take best. The hot weather has sent these in with a rush and few will come in after the present week. Shirley and Iceland poppies and a promiscuous assortment of other flowers bring 25 cents a bunch, but are in uncertain demand.

Graduation bouquets will help the market somewhat this week and relieve the congestion.

June 17 being a legal holiday, known as Bunker Hill day, business was suspended in Boston. The market slumped badly in consequence.

Peony Exhibition.

The hot weather, which started in on June 14, brought peonies in with a rush and a very large exhibit was forthcoming at Horticultural Hall on June 17, the main exhibition hall being nearly filled, fully twice as many being staged as at the corresponding show in 1904. The Kelway silver gilt medal for eighteen varieties single or double went to H. A. Stevens Co. for a good assortment, very well staged. Miss A. M. Means won the bronze medal. There were several other entries. For thirty or more named double varieties T. C. Thurlow won with a fine table, H. A. Stevens Co. second, George Hollis third, and Dr. C. S. Minot fourth. For twelve named double varie-

ties O. B. Hadwen took first with a fine lot, George Hollis being second. For specimen bloom double T. C. Thurlow was first and second with Mme. Bailanger and Lady Alexandra Duff.

T. C. Thurlow took first for collection of single varieties, George Hollis being second. The latter was first for twelve single Japanese varieties. The big china vase class for blooms on long stems was very attractive. Mrs. J. L. Gardner, Wm. Thatcher, gardener, won with a fine mixed assortment, Blue Hill Nurseries second, with Festiva maxima, and E. L. Lewis third.

There were numerous displays not for competition. E. J. Shaylor had a grand lot, including many new and choice sorts. He received certificates of merit for Germain Bigot and Mme. Treyeran and honorable mention for M. Martin Cahuzac. Other choice sorts included were Mme. Geissler, Mme. Emile Lemoine, Octavie Demay, a grand shell pink variety with thread-like petals; Lady Alexandra Duff, La Rosiere and Mme. de Vatry. T. C. Thurlow received a certificate of merit for White Lady, a fine single white Japanese. He showed a splendid collection of named double and single sorts. George Hollis had a fine lot of seedlings and many good standard sorts. Whitleyi plena and Mme. Bouchalet were especially good. Dr. C. S. Minot among other good things had Charles Sedgwick Minot, Langport Queen, A. Hyatt, Jules Elie, Summer Day and Claire Dubois. Farquhar & Co. had a display of Festiva maxima. W. A. Riggs showed a table of double varieties, as did Mrs. E. M. Gill. The latter also showed hybrid roses. Julius Heurlin, from Blue Hill Nurseries, had peonies and a splendid collection of seventy-five varieties of herbaceous perennials. E. A. Wood had peonies and oriental poppies. Walter Hunnewell, T. D. Hatfield, gardener, staged 100 vases of rhododendrons. W. Heustis & Son had a collection of branches of flowering shrubs, including a pretty pink form of Rosa multiflora.

The interest taken in peonies seems to be steadily on the increase. They are already more popular than hardy roses and their future prospects are bright. A good deal of increased interest in this beautiful and showy hardy plant must be credited to the American Peony Society which we are glad to know will meet here next year.

Various Notes.

A delegation from the garden committee of the Massachusetts Horticultural Society visited the estate of Dr. C. S. Minot, of Readville, on June 15 to inspect his peony garden. The garden is arranged for color effect. The beds have grass paths between them. About 290 varieties are grown, including many choice sorts. The visitors were greatly pleased with the garden, which is probably one of the most unique of its kind in America. Rosa grandiflora was especially fine, forming a bush ten feet high. Many other interesting native plants were noted.

Wm. R. Nicholson has been quite ill for the past two weeks, but is now convalescing nicely.

At the estate of Walter Hunnewell, in Wellesley, T. D. Hatfield has at present a magnificent display of Miltonia vexillaria, probably the finest plants of this orchid to be seen in America.

A field day of the Gardeners' and Florists' Club will be held at the establishment of William Sim, in Cliftondale, on July 1. All members of the two flower markets, whether club members or not, are cordially invited to be present.

The garden committee of the Horticultural Society visited West Newbury to inspect the system of evergreen hedges for shelters and windbreaks in the nursery of T. C. Thurlow. They also examined the extensive collection of peonies. The fine estate of F. S. Moseley, in Newburyport, was also visited.

W. J. Stewart is away on a fishing excursion.

Members of the executive committee of the Rose Society who visited Hartford on June 19, report a splendid time and state that they were royally entertained in the Connecticut city.

Since June 14 we have had a number of days 90 degrees in the shade. Indications are that the rose show on June 24 and 25 will hardly be up to last year's average. Many flowers are short-stemmed and pests are unusually rife among them.

John Barr, of South Natick, and Wm. R. Nicholson, of Framingham, are busy at work on new residences for themselves.

Galvin has had a large number of wedding decorations this month.

Doyle had a nice window decoration of gloxinias, pink hydrangeas and large vases of Spanish iris the past week.

There was a big attendance at the meeting of the Gardeners' and Florists' Club on June 20. M. H. Walsh's paper on roses was most interesting and led to an animated discussion. A number of new members were elected. Refreshments consisting of strawberries, cream, etc., were served and excellent music was enjoyed. The next meeting occurs in September. W. N. Craig.

A Visitor's View.

We made a trip last week to the City of Monuments, and we must say that the Boston park system is really grand. The Public Garden is kept more like a private place and we saw there a bed of rhododendrons second to none.

We went through Welch Bros.' wholesale establishment and we were shown some beautiful Carnot roses. Golden Gate and Ivory are sold as substitutes of Carnot. Carnations are plentiful. There were at the time about 20,000 in the refrigerators. Their average receipt of carnations is 30,000 per day. We saw very few Lawsons, since light colors are preferred. We were told that Queen is the best white for Boston. Prosperity is the best seller, but the demand cannot be supplied. We were shown some Adiantum Croweanum and Adiantum cuneatum. Where cuneatum sells at 75 cents to $1, Croweanum sells from $1 to $1.50. Mr. Welch had some valley with 18-inch stems, the best we ever saw. A great deal of stock from this establishment is shipped to Vermont and New Hampshire.

At Thos. F. Galvin's store we saw the yellow calla lily and we believe it will be very popular before long, as it is a beautiful flower. B.

NEW YORK.

The Market.

Sunday and Monday New York and vicinity were enduring about the hottest June days on record. In fact in many places on Monday up to noon it was 100 degrees in the shade and 110 degrees in the new subway, the breath of which was like a blast from, well, one of Andrew Carnegie's furnaces in Pittsburg, the memory of which still lingers with those who attended the S. A. F. convention there. Imagine the condition of the stock arriving. Most of the roses open and, with the exception of special Brides, offered at almost any price and even then impossible to move. The market has stolidly settled down to its summer dullness and there is nothing left with which to lift it before September. The street has been simply flooded with peonies. I saw fine ones offered at 75 cents a hundred Monday evening, with no takers.

And southern gladioli, the North Carolina brand, case after case of it, with even 50 cents a hundred an insufficient inducement to clear the market of this early intrusion on the regular order of things. The solid south is no inconsequential factor in current horticulture nowadays and it is knocking at the doors of its northern brethren of bulbous proclivities with no uncertain sound. The gladiolus stock is from the bulbs of the growers of the north, who have a national reputation, and we can find no fault with it. Moreover, it is likely to last, they say, until our own growers begin their tremendous shipments. So endeth for 1905 the possibility of raising values beyond 50 cents per hundred, and evidently there will be enough gladioli to daily supply every man, woman and child of our 4,000,000 population.

Roses are not only open, but lots of them are mildewed. Carnations maintain their quality and our abundant commencements will make the end of the month lively and a few weddings have

FERNS--$1.25 per 1000--FERNS
All other Green Goods at lowest market prices.
BEAUTIES and TEAS in abundance
Plenty of CARNATIONS and PEONIES
VALLEY and SWEET PEAS
VAUGHAN & SPERRY, 60 Wabash Ave., CHICAGO.
Telephone Central 2571
Mention The Review when you write.



SPRAYING

If all growers could realize that by this method and the use of

To-Bak-Ine Liquid

they can **absolutely destroy** and prevent **Thrips,** don't you think they would always have **some on hand ?**

To-Bak-Ine Liquid, a 45 Per Cent Solution of Pure Nicotine

WILL POSITIVELY DO THE WORK.

Mr. Washburn, of Bassett & Washburn, says: "In three applications of spraying we destroyed all the Thrips in a 300 foot Bride house."

Mr. Baur says: "Send for a can of To-Bak-Ine Liquid and apply it according to directions every evening for a week and then three times weekly until your plants are clean."—Carnation Notes in the Florists' Review, May 25, 1905.

"I feel I cannot recommend this nicotine extract (To-bak-Ine Liquid) too strongly. It fills a want that was felt for years, for something that would keep down **Thrips** effectively and in fact all insect pests."—Carnation Notes in the Florists' Review, May 18, 1905.

Send for full directions of this method of spraying, cost and much valuable information for progressive growers.

E. H. HUNT, 76-78 Wabash Ave., Chicago

Mention The Review when you write.

been left over that help out wonderfully with the surplus. The steamers, as usual, pass out laden with floral love tokens and between the heat and the increased mortality caused by the heart breaking air of the subway, those who make funeral pieces are kept busy.

Various Notes.

Croweanum is finding a new outlet at J. K. Allen's, who handles a lot of this splendid fern daily.

William Duncan, treasurer of the Cut Flower Exchange, is now manager and Thos. Jackson, a florist of Lexington avenue, has been appointed janitor.

The auctions are on their last legs for this season. A week or two more and the melodious voices of the criers will be silent. Both Cleary's and Elliott's have had an excellent season and the general public has been constantly and largely in evidence. Elliott will have a big sale of palms, etc., on June 27.

N. Lecakes, the "green goods" and water lily expert, is back from Athens with his bride. He thinks Mars Hill cannot touch West Twenty-eighth street and New York is good enough to stay in now. There are very few old bachelors left in the wholesale district and if rumor is correct there will be two or three less before snow flies again.

A comfortable pick-up was that made by John Weir last week, $14,500 for an unexpired lease, showing again that it is the early bird that catches the sucker and the worm. But lower Fulton street, Brooklyn, will not lose its old standby. Mr. Weir will open further down in larger form and style than ever and from present outlook "Johnny" will be, as usual, on deck from 3 a. m. to midnight, as he has been during the past thirty years or more.

C. W. Ward has been in Chicago for a week and will be in the west until the end of June.

Geo. Stumpp and family are spending the summer in Germany, having left a week ago for their usual stopping place there.

The trade manifests its sympathy with S. S. Butterfield in the severe illness of his wife and learns with pleasure of the hope of her ultimate recovery.

John Scott, of Flatbush, has settled down to suburban life in his new home, close to his new greenhouses, and is a busy man these days with his building and shipping.

On June 28 Miss Bella A. Young and W. L. Jones, the florist of Nutley, N. J., will be married.

The Frank Bros., florists of Third avenue, are away on their annual fishing cruise.

Siebrecht & Son had a big wedding at Princeton last week and among the cut flowers used were 1,500 of their own growing of the popular Killarney rose. Judging by the demand for the young plants in the east there will be plenty of this beautiful variety to go around another year. This season the supply has not been sufficient.

All the retailers report a splendid season to date and those with branches at Newport are already busy there. The window displays of late have been brilliant with peonies.

Another retailer has hung out his shingle on Broadway, close to the big Hippodrome. He is Charles Grant, a graduate of J. H. Small & Sons. There is always room in New York.

Treasurer Schenck reports very encouraging responses for the New York Club's outing next week Wednesday. Those who have not already written him of their intention to go should telegraph him immediately on reading this, that perfect arrangements may be made for the comfort of all, both on the boat and at beautiful Glenwood, one of the prettiest resorts on the sound. The sail will be a long one, the facilities for all kinds of enjoyment perfect, and with a fine day the attendance should be far in excess of any holiday in the club's history. The program provides for about thirty athletic contests, some of them unique and one mysterious.

Interest is growing in the S. A. F. convention. The attendance from New York will be large. The bowling team at Washington will be shy if more interest is not taken in the Friday night practice. Very few were present last week. Guttman and Manda make fine averages and will surely be among the official team members. J. AUSTIN SHAW.

GRANDVILLE, MICH.—In the recent flood the Stover Floral Co. lost all its carnations in the field, some 5,000 plants, in the back water from the Grand river.

ROCKFORD, ILL.—H. W. Buckbee will rush the work on the new range of glass announced in the REVIEW two weeks ago. Plans have been prepared. The ground to be covered is 196x280. Garland gutters are to be used.

WE are well pleased with the REVIEW, here is the proof, another dollar.—HARTMANN & WAGENFOHR, Winfield Jct., N. Y.

ROSES . . $10 to $50 per 1000

BEAUTIES, $2.00 TO $25.00 per 100.

PEONIES . $25 to $40 per 1000

CARNATIONS . . $6.00 to $15.00 per 1000

FANCY FERNS, new and old . 1.50 per 1000

PLUMOSUS STRINGS . . . $25.00 per 100

We want your 1000 Lot Orders.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

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HARTFORD, CONN.

G. William McClunie was badly hurt at his home a few days ago. One wrist was broken and the other sprained. Mr. McClunie was walking down stairs and thought that he was all the way down, when he had still another step to go. He fell forward, landing on his extended hands. Mr. McClunie will not be able to do any work for several months. Meanwhile the business is being carried on by the brother.

LARIMORE, N. D.—S. F. Mercer is contemplating the removal of his greenhouse to Minot.

BLOOMVILLE, O.—W. S. Lowry is building another greenhouse 24x70 for miscellaneous stock.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED - First-class man who can grow A1 roses and carnations: $65.00 per month to start; must furnish satisfactory reference. Address No. **51** care Florists' Review, Chicago.

SITUATION WANTED As assistant florist, by young man; three years' experience in carnations and general greenhouse plants; first-class references; state wages. Address Box 455, Massillon, Ohio.

WANTED—Young man desiring to get acquainted with greenhouse work. Otto Bourdy, Lowell, Mass.

WANTED—Young lady to assist in flower store. Address Mrs. Thom, 1263 Milwaukee avenue, Chicago.

FOR SALE—Two cast-iron Royal hot water heaters, six and nine sections; they will supply 2400 and 4560 square feet of direct radiation; a bargain, at $150 and $225 respectively. Walter S. Hall, Osage, Iowa.

FOR SALE—Retail flower store in suburb of Chicago; small investment required and good profit certain for active young man or woman with a little experience in catering to first-class trade. Address No. **50**, care Florists' Review, Chicago.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger: cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

WANTED—Foreman for large nursery; must be first-class propagator, and competent to handle workmen; reference required; steady place to the right man. Address No. **48**, care Florists' Review, Chicago.

WANTED—A good carnation grower with $300, to take charge of 10,000 carnations; will give half interest in the business; carnations to be used on the Chicago market. Address No. **52**, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, 16x80; in a good factory town of about 5000; established trade; no competition; $500 cash; chance of a lifetime; unable to work. J. R. Johnston, Dunkirk, Ind.

SITUATION WANTED—By a young man who understands general greenhouse work; German; one year in this country; prefer New York or Philadelphia. Address No. **49**, care Florists' Review, Chicago.

FOR RENT Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47**, care Florists' Review, Chicago.

WANTED - Good grower of roses and carnations in two small greenhouses, 14x45; must be sober, honest, industrious and single; wages, $20.00 a month with room and board; references required. Address Mrs. C. P. Worthy, 515 N. Main St., Paris, Texas.

WANTED—At once, a strictly up-to-date rose grower; must be sober and reliable; with good reference. Indianapolis Flower & Plant Co., Central Ave and 34th St., Indianapolis, Ind.

WANTED—To correspond with an up-to-date saleswoman and designer in regard to taking position. Address Lidgerwood Greenhouse, 122 Post street. Spokane, Wash.

WANTED - A good grower of roses and carnations; to right man I have a good position; house for married man; give experience and wages wanted. Address Joe Tosini, Sioux Falls, South Dakota.

WANTED—Single man with practical experience in bedding and blooming plants; give reference, age and wages without board in first letter. Fuhlbruegge Bros., Winona, Minn.

WANTED — Agents to sell the 20th Century trowel; indispensible to the florist or gardener; sells on sight; send 50c for sample and terms to H. D. Belcher, 539 S. Central Ave., Austin, Chicago, Ill.

WANTED—A good grower of roses, carnations, mums and general stock. Junction City Floral Co., Junction City, Kansas.

WANTED — Good all around florist; single. Blondeel, Oak Park, Ill.

FOR SALE — Cucumber forcing houses; fine property; dwelling; waterworks; all complete. Address No. **44**, care Florists' Review, Chicago.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

WANTED—A competent greenhouse man for retail place of 1,000 feet of glass; must be a worker; wages $60.00 per month; state particulars. Address Seattle Floral Co., 4th Ave. and Denny Way, Seattle, Wash.

WANTED—A good grower who can help in either roses or carnations; we have a good opening for an energetic, sober man; ability will be promptly recognized and rewarded; give experience and references. Address No. **45**, care Florists' Review, Chicago.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

SITUATION WANTED—A1 grower wishes to take charge of commercial or private place in a southern state; have a thorough knowledge in greenhouse and store work. Address P. O. Box 555, Abingdon, Va.

WANTED—Rose grower; single man; state wages wanted and how much experience you have. Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia P. O., Pa.

FOR SALE Fourteen thousand feet of glass; water heat; commercial business with considerable local sales; large brick residence. Address **Flora T Howell, Lock Box 14, Pine Bush, Orange Co., N. Y.**

FOR SALE Four Violet Houses, capacity 25,000; Violet Cuttings already set out; at present stocked with tomato plants; living house, four rooms; 2 acres land; near depot. For particulars address **W B GOODENOW, STOUGHTON, MASS.**

FOR SALE CHEAP.

100 boxes of new 16x24 double thick glass, $2.78 per box. 60 boxes 12x14 double thick, $2.65 per box. One Welch hot-air pumping engine in complete working order, $60.00. One Gurney 9 section hot water boiler in perfect order at $70.00. Also 1000 feet 2-inch pipe at 6½c per ft.; 1000 feet 1¼-inch at 4c; 1000 feet of 1-inch at 3c. 100 hotbed sash, 2x6, $1.00 each.

Address **G. & F. BLANCHARD, 45 La Salle Street, CHICAGO.**

FOR SALE Floral plant, near Minnehaha, containing five acres of land, platted into thirty lots; about 600 feet frontage on two streets; 19 greenhouses filled with plants, flowers, etc.; two heating plants, five-room house, barn and other buildings, costing the owner upwards of $16,000; will sell at the very low price of $6,000, including one horse, one wagon, one cart and a quantity of loose four-inch iron pipe; a great opportunity for money-making; reasons for selling, old age. Apply to **GEORGE H. MILLER 330 Lumber Exchange, Minneapolis, Minn.**

Mention The Review when you write.

FOR SALE

Will sell 30 boxes American B. double thick, 12x14 glass, 50 square feet a box; 35 boxes 14x20 double thick American glass, at $2.25 a box; also about 400 feet of new ¾-inch garden hose, at 6 cents a foot.

FRANK RODGERS,

88 Griswold Street, DETROIT, MICH.

Mention The Review when you write.

Auction Sale

I will sell at public auction on the premises, rain or shine, **Thursday, July 6**, at 12 o'clock noon, the Humphrey Greenhouses in the city of Rome N. Y. Has 15,000 square feet of glass, located on lot consisting of 165 feet frontage and 150 feet deep, with ten modern well equipped greenhouses, all stocked with palms, ferns, roses, carnations and general bedding stock. These houses are all heated with steam, are centrally located and doing a fine business. Has also an eleven-room dwelling with modern improvements, and a natural gas well which supplies the property with light. Reasons for selling—sickness. For further information call or

Address **JOHN DOWD**, Auctioneer,

57 Arcade, UTICA, N. Y.

JOHNSON & STOKES'

KINGLY Collection of GIANT PANSIES

Never has a strain of Pansy given more general satisfaction than has our "Kingly Collection of Giant Pansies." It is absolutely unrivaled, as no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds), 30c; trade packet (2000 seeds) 50c; 5000 seeds, $1.00; per oz., $5.00.

Popular Pansies

Headquarters for the Best English, French and German Strains.

	Large trade pkt. (2000 seeds)	Oz.
Azure blue	$0 20	
Belgian striped	.20	$0.75
Black (Faust)	.20	.75
Bronze shades	.20	.75
Bugnot's large blotched	.50	4 00
Emperor Frederick, (new), dark red	.20	.75
Emperor William, ultramarine blue	.20	.75
English large flowering, fine mixed	.25	1.0
Fire Dragon fiery orange and bronze	.20	.75
French, large flowering, finest mixed	20	.8
Lord Beaconsfield, deep purple violet	.20	.75
Odier, extra large blotched rich colors	.30	3.00
Prince Bismarck, beautiful golden bronze	20	.75
Quadricolor, or pheasant's eye (rainbow)	20	.75
Snow Queen, satiny white	.20	.75
Striped and mottled large flowered	.20	.75
Improved Giant Trimardeau, mixed	.25	1.00
Gold margined	.20	75
Giant white	.25	1 25
Giant yellow	.25	1.25
Giant black-blue (new)	$0 25	$1 50
Giant black	.25	1.25
Giant azure blue (Emperor William)	.25	1 25
Giant striped	.25	1 25
Havana brown	.20	.75
Cassier's Giant, five blotched	.40	3.00
Masterpiece, a new large blotched variety with curled petals of compact habit, great substance, and containing many rich colors	.40	3 50
Meteor, (new) bright brown	.20	.75
Peacock, ultramarine blue, deep claret and white	.20	.75
Red Victoria, (new), very fine	.25	1 01
White, pure	.20	.75
Yellow, pure	.20	.75
Fine, mixed	.15	.60
Fine English, mixed	.20	.75
Imperial German, mixed	.30	3.00

HOW MANY FALL BULBS DO YOU NEED?

ORDER NOW—Mail us your **Bulb Requirements** and avail yourself of our

SPECIAL ADVANCE PRICES

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

NOTICE, TO WHOM IT MAY CONCERN.

Ralph M. Ward & Co., New York

Having purchased my crop of **BERMUDA HARRISII BULBS** for the season of 1905, have the sole right to sell them in the American and Canadian markets and to offer them as **PENISTON'S BERMUDA HARRISII.**

March 31, 1905. **CLARENCE PENISTON, Hamilton, Bermuda.**

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1,000,000 CALLA BULBS.

All above 1¼ inches in diameter and every bulb guaranteed a perfect crown.

NEW CROP ONION SETS NOW READY.

Grown without rain or irrigation.

JOHNSON & MUSSER SEED CO. Write for prices. **Los Angeles, Cal.**

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Michell's Offer

No. 10 STEEL WIRE GALVANIZED

	100.	1000.
2—feet long	$0.45	$ 4.08
2½ " "	.55	5.11
3 " "	.65	6.15
3½ " "	.78	7.18
4 " "	.88	8.16
4½ " "	1.00	9.20
5 " "	1.12	10 23
5½ " "	1.20	11.27
6 " "	1.30	12.25
6½ " "	1.40	13.28

No 8 STEEL WIRE GALVANIZED

For staking American Beauty and other strong and tall growing Roses.

	100.	1000.
2—feet long	$0.55	$ 5.25
2½ " "	.70	6.50
3 " "	.80	7.50
3½ " "	.95	9.00
4 " "	1.10	10.00
4½ " "	1.25	11.50
5 " "	1.40	13.00
6 " "	1.60	15.50

CANE STAKES

Southern, 75c per 100; $6.00 per 1000.
Japanese, very thin, 6-feet long, 75c per 100; 500 for $3.00; $5.50 per 1000; $12.50 for 2500.

HENRY F. MICHELL CO.

Seed Growers and Importers

1018 Market Street, PHILADELPHIA, PA

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XXX SEEDS

CHINESE PRIMROSE

Finest grown, large flowering, fringed single and double, 15 varieties mixed, 500 seeds, $1 00; half pkt., 50c. Have the varieties separate, also.

GIANT DAISY Finest giant mixed, 1000 seeds, 25c.

CINERARIA Finest large flowering, dwarf, mixed, 1000 seeds, 50c.

GIANT PANSY The best large flowering varieties, critically selected 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant Mme. Perret pansy seed added to every $1 00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

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Dutch Bulbs

Special quotations on receipt of quantities required.

FRANKEN BROS., Lake Forest, Ill.

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RALPH M. WARD & CO.

Exporters and Importers

12 West Broadway, New York

Horseshoe Brand. **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held at Alexandria Bay, N. Y., from June 20 to 22, 1905.

J. C. VAUGHAN and Mrs. Vaughan have returned to Chicago after an absence of several months.

THE Nebraska vine seed growers report average acreages and weather conditions thus far not unfavorable.

NOT within the memory of the oldest gardeners has market gardening in the Chicago district been so continuously retarded by rains as in the present season.

Late accounts from Germany mention some unseasonably cold weather and a deficiency of moisture; but crops are said to look promising on the whole, in spite of being a little backward. Some rain had fallen, but more was needed.

THE Holloway Seed & Floral Co., of Dallas, Tex., has been incorporated with capital stock $25,000. Purpose, growing and selling of seeds, plants, etc. Incorporated by R. C. Bryant, W. M. Robinson and C. W. Robinson.

THE Joosten Plant, Bulb & Seed Co., New York, has been incorporated to grow and deal in plants, bulbs, seeds, etc.; capital, $10,000. Incorporators: George A. Joosten and Ernest Schoepke, both of No. 202 West street, New York; William H. Thompson, No. 171 Broadway, New York.

ALEXANDRIA BAY, N. Y., June 21.—The report here is that while considerable injury has without doubt resulted from the floods in the Wisconsin pea district, yet the damage is not so great as might have been expected and does not warrant sensational reports. Beans in Michigan are getting a fair start.

CALIFORNIA SEED NOTES.

Some of the bean growers along the lower portion of the Sacramento river are inclined to believe that the season will be after all a prosperous one, notwithstanding reports to the contrary that have been published recently. It is stated that less than half a crop has been planted to date and that the output will exceed that of former years, with a prospect of good prices to be paid. On Grand, Tyler and Andrus islands the growers are busily engaged in planting beans, and a few of the farmers are preparing to plant beans as soon as the standing barley is cut. G.

SEEDSMEN'S CONVENTION.

ALEXANDRIA BAY, N. Y., June 21.—There was a goodly gathering at the Crossman House yesterday for the twenty-third annual convention of the American Seed Trade Association. The attendance is quite satisfactory to those in charge, although for one reason or another a number of well known faces are absent. The spot is an ideal one for a gathering of this kind, the weather cool and the breeze refreshing, so that coming at the end of a successful season for all departments of the trade, it has put vim and enthusiasm into everyone.

On Tuesday President Page's address

was followed by routine business, including the reports of secretary, treasurer and standing committees, the election of new members and the reading of several of the papers on what is generally conceded to be an exceptionally interesting program. Albert McCullough, chairman of the membership committee, introduced a discussion on increasing or restricting membership which brought out some lively expressions of opinion.

The election of officers does not take place until Thursday and on Wednesday morning no other name than that of L. L. May, of St. Paul, had been mentioned for the presidency.

The Wholesale Seedsmen's League will hold its annual meeting on Friday morning.

FREE SEED DISTRIBUTION.

Secretary Wilson, in his eighth annual report to the president, just published in the Yearbook of the Department of Agriculture, says of the congressional seed distribution:

As pointed out in my previous reports, constant efforts are being made toward the improvement of methods of securing and handling the general seeds for congressional distribution. Improved appliances have been perfected for the mechanical work, and improved methods have been adopted for securing the seed. The work is now all under the direct supervision of efficient officers of the Bureau of Plant Industry. Every effort is being made to improve the quality of the seed by securing pure stocks. Extensive work is being conducted in the matter of a critical study of varieties under different conditions of soil and climate. Testing gardens for this purpose have been established in a number of localities, and the work is under the supervision of a thoroughly competent horticulturist. Every effort is being made to encourage home seed growing. Practically all of the vegetable seed now distributed by the Department is grown in the United States. A few years ago nearly all of the flower seed, except sweet peas, was imported. Now fully seventy-five per cent is grown here, through the encouragement offered by the Department in this work.

In the handling of this enormous work the necessity for strict business methods has been fully observed. The work of handling one branch only of this problem involves the securing of more than twenty-five car-loads of special seed, and the testing, packeting and mailing of this large quantity to all parts of the United States. The systematizing of all the operations has been so perfected that there is little or no friction at the present time.

THE LONDON LETTER.

At last rain. English seed growers have been longing for a change from cold easterly drying days, with warm sunshine or southeasterly breezes and burning sun. Stocks, asters, marigold, lobelias, mimulus, etc., have existed, but made little headway. It is a cold rain from the northeast, but, being in the form of a steady downpour, is yet most invigorating. Spare growing annuals on dry lands were giving out through the drought.

Nicotiana Sanderæ was in superb form at our recent Temple flower show. A large batch of plants, conspicuous for the great size of their blossoms and the varied brilliancy of their colors was shown by Sander & Co. This is "the" new annual of the present year. Schizanthus Wisetonensis was in excellent form, the markings on some of the flowers quite orchid-like. But to do the latter justice it must be grown under glass in this country.

The grand new Meconopsis integrifolia which Veitch & Sons are distributing, is the great novelty of the season among hardy plants, and it must be proving a veritable gold mine for the distributors, for plants and seeds both are in great demand. Its excellent habit of growth and stout stems, supporting large yellow tulip-like flowers, allied to its hardy character, make it a general favorite. A later form more recently introduced has crimson flowers but they droop at the points of the flower stems, which makes it less effective.

A new break in shrubby calceolarias put in appearance at the Temple show. They come from J. Jefferies, a seedsman at Oxford. They were of tall growth but of distinctly perennial habit. A good deal has to be done in the way of improving the strain before it can hope to achieve popularity. It is a coincidence that just fifty years ago a distinct strain of dwarf growing shrubby calceolarias was produced in this country, and put into commerce, but the plants did not capture the horticultural fancy. But good use was made of the pollen of some of them for cross fertilizing the soft-wooded herbaceous section, and a great improvement in constitutional vigor resulted. The new strain just introduced may probably be made to serve a similar useful purpose.

Onion seeds proved a very tantalizing aspect of the wholesale seed trade during the past season, for there was an unprecedented demand for seeds, and the stocks in hand showed a very great shortage, while the dry bulbs realized two and three times their usual value. The fact is that many who have made a point of growing for a seed supply found that they could get a good price for bulbs and instead of holding them over for planting, sold them. Bedfordshire was at one time the great seed grounds for seeds, of the White Spanish onion in particular, but since the new and improved varieties, such as Ailsa Craig, Cranston's Excelsior, etc., have become so much cultivated, the demand for the more common sorts fell away materially and but comparatively small quantities are now grown in Bedfordshire. The seedsmen all say they are carrying over very small stocks of seed; so the home supply will depend in a great measure upon what the foreigner is able to send us. He is now growing the finest English strains for seeds and he has the advantage of living in a more equable climate.

By means of hybridization and careful cross fertilization, Primula obconica has undergone great development in late years, and especially in increased size of the flowers, and in the evolution of new and rich colors. The latest development is from a cross between P. obconica and P. megasæfolia: the result a very fine and brilliant form to be known as Primula x arendi. V. M. H.

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are now completed. We take orders now for delivery this fall or next spring. Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. BEANS, PEAS AND GARDEN SEEDS. Write for Prices. TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

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SEED BAGS for the Trade

A full line in Manila, Fibre and Laid papers, White, Amber and Colored. Printing in large or small quantities, one or more colors, with cultural directions and with or without cuts. Samples and estimates on application.

The Brown Bag Filling Machine Co.

Seed Bag Dept. FITCHBURG, MASS.

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SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

IMPROVED SHASTA DAISY SEED

1000 Seeds, 25 cents.

GIANT MIXED PANSY SEED

1000 Seeds, 25 cents.

William Linfoot, 317 North Vermilion St Danville, Ill.

SEED PANSY SEED



Brown's Extra Select Superb Giant Prize Pansies

awarded Silver Medal, St. Louis Exposition, 1904. It is a well known fact that my superior strain of Pansies is the finest in the market and has won prizes wherever exhibited. Flowers are from three to four inches in diameter; in beauty they are unsurpassable and in color they are incomparable.

My own grown seed, new 1905 crop ready. See illustration of Pansy Field grown for Seed on page 250.

Price mixed seed: 3000 seeds, $1.00; 1-4 oz., $1.50; 1-2 oz., $2.50; 1 oz., $5.00; 1-4 lb., $14; 1-2 lb., $25; 1 lb., $50.

Plants Ready September 1.

Cash with Order.

Peter Brown, PANSY SEED GROWER

124 Ruby St., Lancaster, Pa.

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MUSHROOM SPAWN, PURE CULTURE

Being the Eastern Distributing Agents for the American Manufacturers of Pure Culture Spawn, we can ship Fresh Spawn on short notice at the following prices: 15c per lb; $1 25 per 10 lbs.; $10 00 per 100 lbs. We have also the best make of English Virgin Mushroom Spawn fresh importation 8c per lb.; 75c per 10 lbs.; $6.00 per 100 lbs.; $55 00 per 1000 lbs.

CLUCAS & BODDINGTON CO.

Telephone, 1063 Chelsea. 131 W. 23rd St., NEW YORK CITY.

Mention The Review when you write.

The 20th CENTURY TROWEL

Indispensable to the Florist and Gardener. It is a time, labor and money-saver. It is a trowel that fits the hand like a glove. Securely fastened on and does not interfer with the use of the hand. One man can do the work of two and do it better. All metal parts made of brass and zinc. 50c by mail.

H. D. BELCHER,

539 So. Central Ave., Austin, Chicago, Ill.

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Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

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EMPEROR

We have an extra fine stock of this **GRAND** Narcissus. Give it a trial. **$12.50 per 1000; $120 per 10,000.** Send for our bulb catalogue

HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

RELIABLE SEEDS

	Oz.	Trade pkt.
Cineraria Hybrida Nana, giant flowering mixture. 1000 seeds $1 00.....		$0.50
Cyclamen Persicum Giganteum, a splendid mixture or in separate colors. 100 seeds $6.00		1 00
Myosotis Alpestris Victoria, blue ..	$1 50	.25
" " **Robusta Grandifl.**	1.00	.25
Giant Pansies		
Special Cemetery Mixture.....	2 50	.50
Special Florists' Mixture	3.00	.50
Cassiers' Giant Mixture.	4.00	.50
Bugnots, very showy colors	3 50	.50
Trimardeau Elite, mixture	2 50	.50
Silene Pendula, Fire Queen, comp.	.50	.25
Stocks, Cut and Come Again, pure white.....	2 50	.50
Stocks, new Excelsior very fine, snow white.	6.00	.50
Mignonette Triumph, new.....	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J.

Mention The Review when you write.

FISCHER'S GRAND FREESIA

"PURITY"

The finest in existence. A magnificent white of largest size, very fragrant, very strong, long stems, can be cut two feet long, flowers of great substance; very prolific in both flower and bulbs, producing bulbs of immense size when well grown. Price, $4 00 per 100; $30 00 per 1000. 500 at 1000 rate. Discount on 5000 lots. Ready now. Cash with order, please.

R. FISCHER, Great Neck, L. I., N. Y.

Mention The Review when you write.

H. N. BRUNS

VALLEY

1409 W. Madison St., Chicago

Mention The Review when you write.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

Apply for prices, stating number wanted.

CYCAS REVOLUTA

at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS

in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

D. RUSCONI,

Importer of Bulbs, Plants and Shrubbery.

NOW ON HAND A FINE STOCK OF

BAY TREES, BOX TREES and PALMS

I shall be pleased to quote you prices.

32 W. 6th Street, CINCINNATI, OHIO.

Mention The Review when you write.

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SAMUEL S. PENNOCK,
Beauties, Valley, Heavy Strings Asparagus Plumosus, $40.00 a 100
The Wholesale Florist of Philadelphia
Mention The Review when you write.

THE CLEVELAND CUT FLOWER COMPANY,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
AGENTS FOR THE EVERLASTING GREENHOUS ETILE BENCH.
52 AND 54 HIGH STREET, CLEVELAND, OHIO.
Mention The Review when you write.

Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
Mention The Review when you write.

PITTSBURG.

The Market.

Weddings and commencements have kept most of the retailers very busy the past week and have given them no end of trouble, as most of the buyers are not regular flower buyers and therefore do not know what to expect at this time of the year and seem to think they should be able to get fine stock as long as they are willing to pay for it. But the hot weather put the fine stock out of business. In the wholesale houses they have had no trouble in disposing of all the good stock they could get, but the amount of "crap" which was unsalable would disgust anyone who had to handle it. However, considering the season, there is not much cause for complaint.

The plantsmen have now finished for this year and most of them admit having had a very fair season. All report that good stock sold at good prices.

Various Notes.

Mike Blaha is confined to his bed, suffering from a bad case of poison ivy contracted while gathering ferns the past week.

The committee who have charge of the florists' picnic has decided on a ride on the good steamer Francis Torrance. The boat will leave the foot of Wood street at 8:30 a. m., rain or shine, Wednesday, July 12, and run up to Moss' grove, where there will be athletic sports of all kinds. Many useful and beautiful prizes have already been subscribed. The committee are hustlers and there is no doubt about a good time and, even should it rain, the boat will go that much farther up the river and the dancing floor is the best in the country. Amusements of many kinds are being provided for. The committee especially wants the members to bring their wives and children, and those who have no wives should bring their sweethearts. There are to be some special features for the ladies and children.

Phil Langhans, of the Cut Flower Co., is a noted fisherman and will provide fishing tackle for all who care to fish, but you will have to do your own swearing, for he is a Lutheran.

L. I. Neff is consigning the Pittsburg Cut Flower Co. some fine hardy phlox and Rambler sprays which seem to fill in nicely for June decorations.

The warm weather and numerous rains have made the various parks look cleaner and greener than usual, in fact they never looked better. Hoo-Hoo.

PANSIES
Odorous, large spotted Giant Pansies, (new giant-blossomed variety), glorious color display; flowers up to 3 inches in diameter; best kind for bouquets and wreaths. 1000 seeds, 25c; 10 gr., 75c; 100 gr., $6.00.
Weigelt's Giant-Blossomed Elite Mixture
consisting of Trimardeau Giant, Cassier, Bugnot and Germania varieties, 1000 seeds, 20c; 10 gr., 50c; 100 gr., $3.50.
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we will send 10 trial packages of our Giant-Blossomed Pansy varieties to the United States, postage prepaid. CASH WITH ORDER.
Catalogue sent free and postage prepaid on application.
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JEFFERSON BARRACKS, MO.—John Lenz reports a good June business.

HALIFAX, MASS.—The Halifax Flower Co., has been incorporated with $5,000 capital stock. The officers are: President, Julian P. Dunn, 35 Rutland Sq., Boston; treasurer and clerk, Thos. L. Kelley, 187 Highland Street, Roxbury.

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ALTOONA, PA.—Karl Kuny says business has been good, splendid at Easter and at Decoration day it could not have been any better. He is putting up a new office building and extending a greenhouse.

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		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
Queen of Edgely, Specials		3.00
" " Medium	1.00 to	2.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6 00 to	10.00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		2.50
" Select	1.50 to	2.00
" Ordinary	.50 to	.75
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Daisies, White or Yellow		.50
Smilax	10.00 to	15.00
Sweet Peas	.25 to	.40
Gardenias		12.50
Valley	2.00 to	4.00
Snapdragon	4.00 to	6.00
Cornflowers		.50
Peonies	3.00 to	5.00
Water Lilies	2.00 to	4.00
Centaurea	3.00 to	5.00
Pyrethrum.. per bunch 12c to 15c		
Candidum Lilies.....$1.50 per doz.		
Gladioli	3 00 to	5.00

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PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

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"	Shorts	.50 to 1.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
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Golden Gate		1.00 to 4.00
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We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
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	Per 100
Beauties, Specials	$10 00 to $20.00
" Extra	6.00 to 8 00
" Short Stems	1.00 to 4.00
Brides, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	3.00 to 6.00
" Seconds	1.00 to 2.00
Carnots, Kaiserins	2.00 to 3 00
Liberty	1.00 to 5 00
Chatenay	2.00 to 6.00
Hybrid Roses in variety	1.00 to 4.00
Carnations, Special	1.50 to 2.00
" Select	.75 to 1.00
" Ordinary	.25 to .50
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	1.00
Callas	4.00 to 6.00
Sweet Peas	.20 to .50
Gladioli	2.00 to 4.00
Peonies	2.00 to 4.00

Buffalo, June 21.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20 00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	6 00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate	2.00 to 6.00
Kaiserin	4.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
President Carnot	4.00 to 8.00
Perle	3.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3 00
Lilium Harrisii	10.00 to 12.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00 to 20.00
Sweet Peas	.30 to .60
Pond-Lilies	4.00 to 5.00
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Wholesale Cut Flower Prices.

Chicago, June 21.

		Per doz.
Beauties, Long stems	$3.00 to	$4 00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Kaiserin	3.00 to	8.00
Carnot	3.00 to	8.00
Perles, Firsts		6.00
" Seconds	3.00 to	5.00
Chatenay	3.00 to	6.00
Cattleyas	50.00 to	65.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Peonies	3.00 to	6.00
Callas	8.00 to	10.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies	1.00 to	1.50
Pansies	.25 to	.75
Nasturtiums		.50
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.40 to	1.00
Daisies	.75 to	1.50
Mignonette	3.00 to	8.00
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri 25-35c		
Ferns per 1000 $1.50 to	$ 2.00	.25
Adiantum Cuneatum	.75 to	1.00
Smilax per doz., $1.50 to $2.00		

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

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Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems $6.00 to $8.00 per 100.	
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.00

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Write for special quotations on large orders.

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All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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Leading Western Growers and Shippers of

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Long Distance Phone Central 879.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market

1235-37 FILBERT ST. PHILADELPHIA, PA.

	Per 100
American Beauties, 2½-in. pots	$7.00
Liberty, 2½-in. pots	6.00
Kaiserin, 2½-in. pots, $4.00; 3-in.	6.00
Bride, 2½-in. pots, $3.50; 3-in.	5.00
Maid, 2½-in. pots, $3.50; 3-in.	5.00

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, June 21.

	Per doz.
Beauties, Specials	$2.00 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$4.00 to $5.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	3.00 to 5.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.15 to .20
Peonies	3.00 to 4.00
Daisies	.25 to .35
Cornflowers	.25

Milwaukee, June 21.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Lily of the Valley	3.00
Sweet Peas	1.00
Daisies	.50
Peonies	4.00 to 6.00

Pittsburg, June 21.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.00 to 18.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 3.00
Brides and Maids	1.00 to 3.00
Cusin	1.00 to 6.00
Liberty	3.00 to 15.00
Chatenay	4.00 to 12.00
Perle	2.00 to 4.00
Carnations	1.00 to 2.00
Adiantum Croweanum	.75 to 1.50
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	2.00 to 4.00
Smilax	12.50 to 15.00
Lilies	12.00 to 15.00
Sweet Peas	.20 to 1.25
Daisies, Yellow	1.00 to 2.00
Candytuft	.75 to 1.50
Peonies	3.00 to 4.00
Spanish Iris	5.00

C. A. KUEHN WHOLESALE FLORIST,

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Phone Main 980 128 E. 3rd St., CINCINNATI, O.

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Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

Asparagus Plumosus, 10 feet long, extra heavy, 50c per string.

"Green Goods" are my Specialties.

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Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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1324 Pine Street, ST. LOUIS, MO.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, June 21.

	Per 100
Beauties, Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.35 to .50
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, June 21.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	5.00
Sweet Peas	.40 to .50
Peonies	50c to 75c per dozen

CULTURE of Grafted Roses sent on receipt of 25c.—FLORIST'S REVIEW.



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A. L. FORTUNES

431 State St.

New Haven, Conn.

Wholesale dealer in

Dagger Ferns and Galax Leaves

Dagger Ferns, 75c per 1000.

Dagger Ferns, lots of 5000 and over, 60c per 1000. For 10,000 and over, 50c per 1000.

Green and Bronze Galax, $1.00 per 1000.

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Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St, Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

FRANK M. ELLIS

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Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street St. Louis

Long Distance Telephone MAIN 2018-M

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JUNE WE

P E O

For your decorations for June Weddin

WE NEVER HAN

QUAL

PRICE LIST.

AMERICAN BEAUTIES—	Per doz.
Long	$4 00 to $5 00
Fair Length	2 50 to 3 00
Medium	1 50 to 2 00
Short	75 to 1 00
Brides, select ..... per 100,	5 00 to 7 00
Brides, good average .... "	3 00 to 5 00
Bridesmaids, select..... "	5 00 to 7 00
Bridesmaids, good average, "	4.00 to 5 00
Liberty ..... "	4 00 to 10 00
Chatenay ..... "	3 00 to 6 00
Golden Gate..... "	3 00 to 6 00
Perles, select..... "	3 00 to 6 00
Roses, our selection..... "	2 00

Subject to change without notice. Packing and Delivery at cost.

P E O N

VERY FINE HOME-GROW

$3.00 TO $6

WRITE, TELEPHONE OR TELE

KENNICOTT

Wholesale Commission Florists.

40-42-44 Randolph St.,

Automatic Telephone
No. 7655.

CDDINGS!

ngs We will positively be able to fill every order up to July 4.

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I E S

PRICE LIST.

CARNATIONS—	Per 100
Special fancy varieties	$2 00 to $2 50
Good average	1 00 to 1 50
Harrisii	per doz., $1.50
Auratum Lilies	" 1 50
Valley, our specialty, best	3 00 to 4 00
Daisies	60 to 1 00
Sweet Peas	50 to 75
Mignonette	1 50 to 3 00
Smilax	15 00
Adiantum	75
Sprengeri	2 00 to 4 00
Asparagus, per string, 30c to 50c	
Common Ferns, 1000, $1 50 to $2	25

Subject to change without notice. Packing and Delivery at cost.

I E S

VN STOCK. ALL COLORS.

6.00 PER 100.

EGRAPH; WE DO THE REST.

T BROS. CO.

Dealers in Florists' Supplies.

Long Distance Telephone
Central 466.

CHICAGO.

DENVER.

The Market.

Business the past week has been fair for this time of the year and receipts have been very large. This was not unexpected, as the season is at hand when such conditions usually prevail. Outdoor roses are commencing to come in and will soon be plentiful. There are large cuts of carnations and the quality in general is right, although there is much of inferior quality. Some of them bring 75 cents per dozen, retail, while the common price is 35 and 50 cents. There is a big supply of sweet peas and good stock sells fairly well. Lavender, pink and white have first call. Peonies are very plentiful and many retailers are using them freely for window display. The hot weather affects the American Beauty and, while there is still some select stock, the most of them are poor.

Quite a number of social affairs took place last week, especially the University Club ball, there being quite a number of dinners given before the dance, which called for quite a lot of first-class stock, such as Beauties, peonies and sweet peas.

Various Notes.

The Park Floral Co. is erecting three connected houses, each 17x50, using the King steel gutter, with glass 18x18. The range is to be planted with carnations in solid beds.

E. J. Reynolds, of the Scott Floral Co., is spending his vacation at Grand Lake, Colo.

D. S. Grimes, of D. S. Grimes & Son, florists, and of Fairview Avenue Nursery, is very low with gangrene at the Homeopathic Hospital. They report there is no hope for his recovery.

One of the attractions along the Moffat railroad is the flowers that bloom by the acre along the tracks. The white and yellow primrose, Mariposa lily and other beautiful blooms are springing up from the sod in large numbers, some of them growing up through the snow. One of the most beautiful sights of the summer in the mountains is to see the flowers that dot the sunny slopes of the hills as far as the eye can reach. The beautiful blue columbine, the Colorado state flower, is more plentiful than ever before. This road runs a flower excursion every Sunday and many of the passengers are loaded with huge armfuls of these beautiful mountain flowers. E. S. K.

GRAND RAPIDS, MICH.

This city has been visited by another storm, hail and rain, regular cloud bursts, carrying ruin and destruction in its path, damaging railroads, causing washouts and flooding the west side of Grand Rapids for ten days. Schools were closed, factories stopped running and on the main streets basement stores hastily moved out when the water rushed in. For a week, unless over the Detroit division of the Michigan Central, or the G. R. & I. south, no express could be moved, as the roads were all tied up with washouts, entailing heavy losses on the growers, who were unable to fill out-of-town orders. Henry Smith was probably the heaviest shipping loser, while Cross, Strong, Chadwick and others were also unable to fill shipping orders. Crabb & Hunter suffered the heaviest on this occasion. At the Lake plant, Silver Creek backed up and flooded about ten acres of their farm, taking in a portion of their carnation patch, about three acres, entailing a loss of about $700 on drowned-out stock and their loss on shipping orders about $300, making a net loss of $1,000. The weather has turned very hot and everything is suffering in consequence.

A large trade was done in bedding stock, which are now sold out, and the tearing down and rebuilding of benches preparatory to planting mums and roses is going merrily along. Mildew is in evidence on the roses, as firing has ceased and the changeable weather is favorable for mildew. Business continues good, particularly outside shipping, and roses are scarce, with carnations in large supply.

Max Goeble was held up by footpads at the lake, head smashed, gold watch and $15 in money taken. G. F. C.

New Castle, Pa.—Miss Elsie Beck, daughter of J. J. Beck, is quite seriously ill.

Davenport, Ia.—Charles Dannacher has sold his residence to George Hoehn, cashier of the First National Bank, for a reported consideration of $6,500. He contemplates removing to the west.

RIGHT RIBBONS

Are always attractive, whether in summer or winter. More florists are learning the decorative value of the Pine Tree Brands daily.

Are you acquainted with them?

DROP US A POSTAL FOR SAMPLES.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

Mention The Review when you write.

Everblooming Roses

Surplus stock of standard varieties of **EVERBLOOMING BEDDING ROSES** at prices that will close them out.

Strong, healthy stock from 2½-inch pots, to include Bridesmaid, Bride, White Maman Cochet, Mary Washington, Queen Scarlet, etc.

Strictly our choice of varieties in good assortment. $2.00 per 100; $17.00 per 1000.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

CATTLEYA SCHROEDERAE The Easter Cattleya

We have at last succeeded in collecting and bringing here safely the finest and largest consignment of this beautiful Cattleya ever collected. The plants are in superb condition and well leaved.

The following good things have also arrived: C. Trianae, C. Labiata, C. Gigas, C. Warneri and C. Dowiana.

WRITE FOR PRICES

LAGER & HURRELL, Growers and Importers, SUMMIT, N. J.

Mention The Review when you write.

CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS

PEONIES, CARNATIONS and Specimen Nursery Stock.

Mention The Review when you write.

FOR FALL 1905

Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York

Mention The Review when you write.

Will you please cut out my advertisement of cannas? You are too much for me; I can't keep up with the orders if I keep you going.—James Frost, Greenville, O.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

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WILL BE FILLED BY

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227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

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1224 F Street, Northwest,
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HAVE YOUR
RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

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138-140 E. Fourth Street,
Long Distance Phone.
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ThePark Floral Co.

VALENTINE, Pres. **DENVER, Colo.**

ATLANTA FLORAL CO.

41 Peachtree Street, **ATLANTA, GEORGIA**

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

YOU WILL FIND **ALL** THE **BEST** OFFERS **ALL** THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.

Long Distance Phone Bell Lindell 676.

Your orders for
LOUISVILLE, KY.
will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

HUGH GRAHAM CO.

PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's
BUFFALO, New York.

U. J. VIRGIN,

838 Canal Street, **NEW ORLEANS, LA.**

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CLARKE BROS., 289 Morrison St.

PRATT & GIGER,

FLORISTS AND DECORATORS
NEW LONDON, CONN.

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1216 Olive Street **ST. LOUIS, MO.**

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Alexander McConnell

546 FIFTH AVENUE
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NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : : :

Telephone Calls: 340 and 341 38th Street
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WESTERN UNION CODE

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144I. 104 So. Carolina Ave.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS

Near the Waldorf-Astoria
7 E. 33rd St., New York City.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

You Will Find...

ALL the **BEST** offers
ALL the time in the
REVIEW'S
CLASSIFIED ADVS.

PACIFIC COAST.

Melrose, Cal.—Charles Germann and Emil Wagner have dissolved partnership. Mr. Wagner will carry on the business.

Loomis, Cal.—Johnson & Taylor resold the California Carnation Co., on June 11, to A. Mitting and H. McGowan, from whom they bought it a few months ago. The company, under the name of A. Mitting, is starting a branch establishment at Santa Cruz.

VICTORIA, B. C.

Victoria is the principal flower growing center in this district. We ship to Vancouver and to Seattle in large quantities. Vancouver is a town of only some 22,000 inhabitants, but there must be 300,000 square feet of glass in the vicinity devoted to cut flowers. We have more sun in the winter than the surrounding towns and this accounts in part for the great amount of shipping trade. W.

SAN FRANCISCO.

The Market.

Business is quiet enough here to suit anyone. We are having cool weather and there is a noticeable improvement in the texture and color of both roses and carnations over those we generally get at this season. I saw some of the best Beauties I have noticed this summer in Pelicano's windows this week. They were from Burlingame and spoke well for the season. Brides and Maids are not of extra size, although the stems are good and the color perfect. Carnations are as good as it is possible to have them and outside of fancy stock they do not net the growers over 20 cents per dozen. Lilies are plentiful but Bride gladiolus is becoming scarcer. The garden varieties of gladioli are beginning to be seen more plentifully. Dahlias are also being sent in by the growers. But to return to business. It is very scarce and will be so for several months to come. A few of our dealers are putting signs in their windows such as "Special Prices Today," "Carnations, 25 cents per dozen," and other cheap looking placards, which in my estimation do not help matters and give the store a poor advertisement at the same time. The general run of the public seem to know just about what flowers are really worth and buy accordingly and for the most part it only attracts the trade to which the street fakirs cater and from whom the florists derive no paying business.

Various Notes.

Delegations will meet from the California State Floral Society and the Pacific Coast Horticultural Society to arrange for a joint flower show next fall.

John Jack, gardener to Wm. Babcock, of San Rafael, is erecting three carnation houses.

F. Ludemann has a splendid stand of young rose stock to bud this season. Owing to the late spring rains they are much larger and stronger than usual.

Prof. Wickson, of the Botanical Department of the State University, has been invited to deliver an address in Santa Rosa in honor of Luther Burbank.

Several local dealers will plant heavily of freesias for the coming season. Rees & Compere, of Long Beach, are supplying the bulbs.

Sievers & Boland report the best June business ever done by their house.

Geo. Pape, of Berkeley, is very busy at present with greenhouse construction. He has several large contracts on hand for private conservatories.

The Avenue Florists, of 409 Montgomery avenue, have established a new branch of the trade here, by commencing the manufacture of wheat sheaves. They are turning out a very good article and expect in time to supply the local trade in that line.

Adolph Schmidt, gardener at the Santa Fe railroad's stations in Oakland and Berkeley, has made a wonderful improvement in their grounds during the past season. Mr. Schmidt was formerly gardener to Paul de Longpré, of Los Angeles.

D. H. Lenox, the Los Angeles nurseryman, has returned home after a short visit here. G.

NATURAL HOT WATER.

I would like to know how many 1-inch pipes are needed, and where to put them, in a propagating house eight feet wide, with a bench three feet wide on each side. The heat comes from a natural hot spring, the water of which is 196 degrees and which will flow continually through the pipes. The climate is that of southern California. A. L. H.

I judge that six 1-inch pipes arranged under each bench of the propagating house would provide the desired temperature. L. C. C.

TROUBLE WITH SEEDLINGS.

Growers of ornamental trees and plants have had poor success with raising young stock from seed this season. On all sides I have heard complaints that hardy trees and shrubs that usually germinate readily have failed to show themselves and several sowings have been made before a stand was secured. This is due to a great extent, I think, to our peculiar spring season. We had very warm weather in March and cold weather in April and May and I found that it was almost impossible to handle many of my seedlings without their damping off. Even when I watered very sparingly it was very difficult to keep them erect. Every week during the past two months we usually have about one warm day and the extremes made it harder than ever.

Another fact I noticed in examining seeds of various kinds was that last year was a poor season for the development of fertile seed. I have examined many varieties of conifers, acacia, eucalyptus and other hardy trees and found that the seeds in many cases were barren and a large percentage very poorly developed. This fact may have escaped the notice of many dealers and could also account in a great measure for their want of success.

Speaking of seed and seed-gathering from seed-bearing trees grown here, the people who gather much of it make the mistake in picking and shelling seeds from the first year pods instead of taking only those from the second year. It is possible in the case of conifers and eucalyptus to make such seeds grow if everything is favorable but the chances are decidedly against successful germination and hardy seedlings. Usually only a small proportion of the seeds amount to anything and the planter thinks the seed was too old instead of too young. This rule holds good with a great many varieties of shrubs and trees and is not usually taken advantage of by the ordinary collector of seeds. G.

The returns from my last advertisement in your paper were fine and I am satisfied it is a good medium.—F. Gilman Taylor, Glendale, Cal.

Here is another dollar for the Review; I would not be without it for $10 a year.—W. Wilkinson, West Philadelphia, Pa.

Barrington, Ill.—F. W. Stott is erecting two greenhouses, each 20x143, and will carry a general line of pot plants as well as cut flowers.

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45 00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.

Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, Amaryllis Johnsoni and Belladonna, etc., now digging Can deliver in any quantities end of June and July.

Rees & Compere P. O. Address: R. F. D. No. 1, Long Beach, Cal.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

NEPHROLEPIS PIERSONI

Elegantissima

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, June 21.—Head lettuce, 25 to 50c tub; leaf lettuce, 15 to 20c case; cucumbers, 20 to 40c doz.

NEW YORK, June 19.—Cauliflower, 75c to $1.50 doz.; cucumbers, $3 to $3.50 case; lettuce, 50c to $1 bbl.; mushrooms, 10c to 75c lb.

BOSTON, June 20.—Cucumbers, $1 to $3 case; tomatoes, 12½c lb.; lettuce, 15c doz.; parsley, $2.75 bu.

INDIANAPOLIS, June 20.—Leaf lettuce, 6c lb.; cucumbers, 50c doz.; mushrooms, 30c lb.

TOMATOES.

The time is just about at hand when seed will have to be sown for the first crop of the season. If plants are to be had ready for planting early in September, seed sowing should not be delayed much later than the first of July. We make this sowing in cold frames in preference to flats. In frames a closer atmosphere more genial to the germination of the seed, can be kept, better than in a greenhouse, and a more equable moisture of the soil can be maintained without being so carefully or closely watched.

In the early stages of their growth tomatoes are not very particular regarding soil but it is just as well to prepare a soil for them from which they can be lifted with most of the roots intact and with enough soil adhering to insure against much check when they are lifted and transferred to the pots. Such a soil should neither be too stiff nor too heavy. We find, for almost any soil, a liberal addition of leaf-mold or thoroughly decomposed stable manure is as good as anything to give the desired texture.

The seeds should be sown in rows to facilitate lifting and they should not be sown too thickly. If, however, any doubts exist regarding the germinating power of the seed, all the more seed will have to be used. It is better to make sure of this and if the seed should come up thicker than desired, it is quite a simple matter to thin out the seedlings before they have attained much size. They should be thinned sufficiently to allow the individual plants plenty of room to grow, without drawing, until they are large enough to be transplanted into 3½-inch or 4-inch pots.

After the seedlings are well up the sash can be gradually removed until they are left fully exposed both night and day. This gives a nice, sturdy growth from the start, which we find proves of material advantage to the plants in their later stages of growth.

The soil used for potting should be much the same as that in which the seed was sown and it is of the utmost importance that the inside of the pots be clean. From clean pots the plants can be transferred without danger of injuring the roots when the time for repotting arrives, when if set in pots that are dirty inside the roots cling so to the sides of the pot, that a large number of the best roots are broken in attempting to get them out.

After potting the frame is still the best place for the plants to be left, the sash being put on and the plants shaded for a few days until they have taken a hold of the fresh soil, when the sash should be gradually removed as before. Here we leave the plants until they are large enough to be repotted into 6-inch pots, after which potting we find it best to take them into the greenhouse.

W. S. CROYDON.

KANSAS CITY.

The Market.

Very brisk business has marked the past week. Commencement exercises at our schools have created a big demand and all the shops had their hands full of business. Prices in most instances have held up well. Stock is not as good as might be expected and really good stock is hard to get. A number of large weddings are on the cards for next week, which will about end the season's work. The market is being flooded with outdoor flowers. Sweet peas are so abundant that they sell for from 10 to 15 cents per hundred. Daisies fetch only 10 cents per hundred. White stuff has been hard to get, and it seems that is the color most called for now. The growers have disappeared from the market and will not be seen until next spring.

Various Notes.

Miss M. Dalley reports business as excellent the past week. She is carrying a large line of stock.

We understand that Geo. Kellogg, of Pleasant Hill, is adding 150,000 feet to his already extensive range. Mr. Kellogg is meeting with a deserved success in his numerous undertakings.

W. L. Rock is doing an immense business these days and we understand is contemplating some large improvements at his range.

A visit to the greenhouses of Samuel Murray shows that he has done an enormous business this spring, judging by the appearance of his place out on Prospect.

Miss J. Murray is doing very good work these days and has some very fine stock on display. NARCISSUS.

STEAMER SAILINGS.

If you wish to post steamer sailings in your window as a means of getting orders for telegraphic transfer to New York, here are the sailings for the next two weeks:

June 24—Etruria	Liverpool.
June 24—Patricia	Hamburg.
June 24—Philadelphia	Southampton.
June 24—Kroonland	Antwerp.
June 27—Kronprinz Wilhelm.	Bremen.
June 28—Teutonic	Liverpool.
June 28—Potsdam	Rotterdam.
June 29—La Lorraine	Havre.
June 29—Prinzess Alice	Bremen.
June 29—Hamburg	Hamburg.
June 30—Celtic	Liverpool.
July 1—St. Paul	Southampton.
July 1—Caledonia	Glasgow.
July 3—Algeria	Naples.
July 4—Kaiser W. Grosse	Bremen.
July 5—Oceanic	Liverpool.
July 6—La Gascogne	Havre.
July 8—Princess Irene	Naples.
July 8—Umbria	Liverpool.
July 8—New York	Southampton.

GOSHEN, N. Y.—R. S. Sayer and his wife were killed in an automobile accident here June 14. He was treasurer of the Rider-Ericsson Engine Co., which has sold so many hot air pumps to florists.

NURSERY NEWS.

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THE Spencer Seedless Apple Co. of New England and New Jersey has been incorporated in the state of New York, the main office being at Plattsburgh, to grow and deal in Spencer seedless apple trees; capital, $300,000. Incorporators: Ervine D. York, Flushing, N. Y.; Horatio S. Byrne, Dyckman street; Francis M. Whitney, No. 71 Broadway, both of New York.

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It was impossible to keep the members in their seats to listen to the long program of essays and discussions provided by the energetic and assiduous Mr. Kelsey. The result was that at the last moment the program was pruned according to the Stringfellow method. The distinguished gentlemen from the Department of Agriculture at Washington were well received and given fair audiences, particularly Dr. Moore, who discussed soil inoculation for leguminous crops. Assistant Secretary Willis M. Hays and Prof. Hedgecock were also most interesting speakers and their presence did much to establish more cordial relations between the great governmental department and the nursery interests. Dr. Hedgecock's address was closely listened to, as it related to diseases which every nurseryman must fight.

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Will you kindly tell us if the Bordeaux mixture made of sulphate of copper and ammonia, the same as used for carnation rust, etc., will be good for spraying fruit trees and what proportion should be used? Would there be any danger of burning the foliage if Paris green were added to the mixture? A. S.

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CALDWELL THE WOODSMAN,
The man who gave you the Wild smilax.

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Now that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

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FRED C. WEBER, St. Louis, Mo.

We are in receipt of your shipment of one case Huckleberry Branches and are pleased with it. Send by express 5 cases at once.
WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

Two cases of your decorating green reached us in good condition and we used them very effectively in a church decoration which gave entire satisfaction to our customer. THE GASSER CO., Cleveland, O.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.
LEO NIESSEN CO., Philadelphia, Pa.

CALDWELL THE WOODSMAN CO., Evergreen, Ala.

Cash with order, please.

New Crop Hardy Ferns Now Ready FANCIES, $1.50 per 1000. DAGGERS, 1.25 per 1000.

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PEONIES

200 Choicest Varieties Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
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SUGAR MAPLES. 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. **E. Y. TEAS, CENTERVILLE, IND.**

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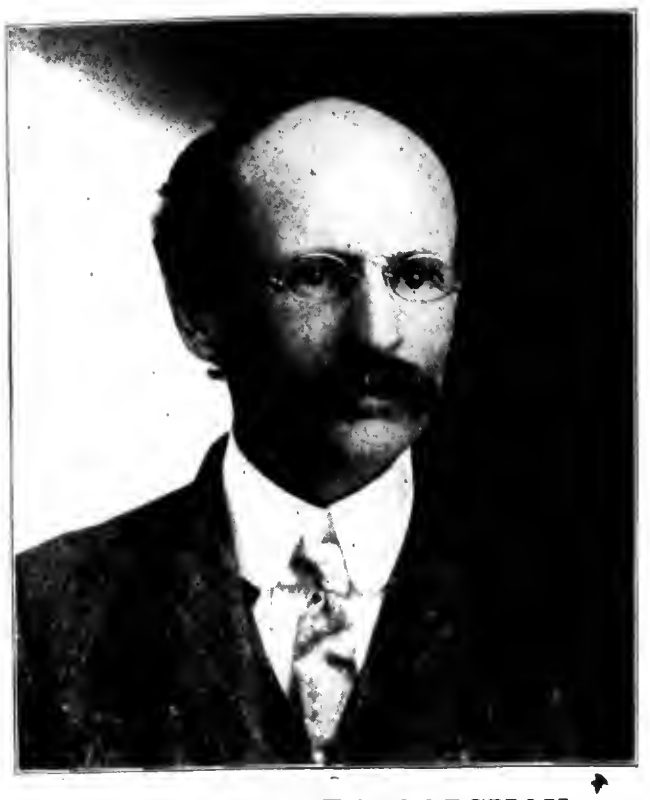
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PEONIES
IN THE WORLD
SEND FOR OUR NEW PEONY LIST SEND FOR OUR NEW PEONY LIST

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CINCINNATI.

The Market.

It is nothing if not hot in this city. The effect on stock can easily be imagined. Of roses there are scarcely any at all. A few Beauties and a few scrubs of other varieties are all that are seen. Carnations are in larger supply and those from the north are gone for the season. Home-grown stock is very poor for the most part. The demand is good and prices also. The call for roses is good but orders cannot be filled.

Other stock such as lilies of all kinds in season, sweet peas, candytuft, feverfew, balsams, etc., are plentiful and sell moderately well. Peonies are about over and sell very slowly. "Green goods" are plentiful enough. The new crop of eastern ferns is now in and is very good.

Various Notes.

Invitations to the ladies are out for the entertainment given by George & Allan and D. Rusconi on June 29. Everybody is talking about this event and there will be a great crowd present.

J. W. Rodgers is having a nice cut of carnations. He always makes a success of summer carnations.

"Billy" Gardner spent a few days in New Castle, Ind., last week.

J. B. Braidwood, of Colorado Springs, Colo., was a visitor. He is taking a trip through the country visiting the various greenhouse establishments.

C. J. Ohmer.

North Tonawanda, N. Y.—The Niagara Cement & Concrete Co. is preparing to turn over its patent greenhouse bench to a new corporation.

Rutherford, N. J.—Sander & Son, of Bruges, Belgium, have named an azalea for Julius Roehrs. It has large bright scarlet flowers and is well liked in the London market.

Hillside, Mich.—Carl Hirsch, who is the Lake Shore railroad florist, is planning the largest pansy bed in the state at Baw Beese park. It is eighty-five feet in circumference and is raised to a height of about four feet in the highest place.

Milwaukee, Wis.—Emil Schwenk was arrested recently for stealing wire frames from graves in Union cemetery and on his statement as to what he did with the designs two florists were arrested charged with receiving stolen property.

J. F. ROSENFIELD
PEONY SPECIALIST
Westpoint, Neb.
Write for list and prices. Have all the best varieties and many seedlings and novelties not to be had elsewhere.
Book orders early for Fall Shipment.
Nothing but strong stock will be sent.

Mention The Review when you write.



Queen Victoria. Photo. taken after cutting 50 000 blooms for cold storage.
Peonies
WHITE, generally called Queen Victoria has been known to keep 6 weeks in cold storage, $9.00 per 100; $80.00 per 1000
FRAGRANS, the tall grower and bloom producer, $6.00 per 100; $50 00 per 000. For prices on other varieties including Festiva Maxima write
GILBERT H. WILD, SARCOXIE, MO.

Mention The Review when you write.

PEONIES
A large collection of the very finest varieties, including in the officinalis class the gem of all, Tenuifolia, or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white; all varieties in Chinensis class. A succession of all colors, from earliest to latest. All named.
WRITE FOR PRICES
F. A. BALLER, - - Bloomington, Ill.

Mention The Review when you write.

Wellington, O.—T. G. Yale is about to erect two even-span, connected houses each 20x100.

Bloomington, Ind.—The Cain Floral Co. reports a very good season's business, especially at Decoration day.

BUY Peony Plants NOW

Order while the list is complete. We ship September 1 and the plants will be well rooted in your grounds before any imported stock could arrive and you will have an advantage of 20 per cent in growth. Not less than five plants of any variety at these prices. **Send for retail descriptive price list.** STOCK GUARANTEED TRUE. **No charge for packing.**

EXPLANATION -- Divided plants will not have less than two eyes. Plants designated SMALL were divided last year and have one or two stalks of this year's growth; MEDIUM plants are two years old and have three to five stalks; LARGE plants are three years old with six to ten stalks or more. Next year a plant will have from two to three times as many stalks as this year.

WHITE:

MONT BLANC or Solfaterre, fragrant, full, divided, 35c; medium, 90c each.

FESTIVA MAXIMA, tallest paper white, divided, 45c; medium, $1.10; large, $1.75 each.

SEAFOAM, clear white, no markings, small, 60c each.

QUEEN VICTORIA, or Whitleyi, best keeper, divided, 18c each.

PAPAVERIFLORA, large full white, small, 40c each.

BOADICEA, creamy white, cup shaped, divided, 12c; medium, 35c each.

SPLENDIDA, lemon center, blush guard, divided, 20c each.

THE BRIDE, dainty blush white, divided, 20c each.

PINK:

GOLDEN HARVEST, pink guard and center, divided, 35c each.

DORCHESTER, late light pink, divided, 35c each.

PRINCESS BEATRICE, large crown pink, divided, 20c; small, 40c each.

MODELE DE PERFECTION, solid clear pink, with full crimped center, divided, 35c; 3-year, $2.50 each.

PINK:

JOAN D'ARC, deep pink guard, light center, small, 25c each.

DUKE OF CLARENCE, lilac guard and center, small, 75c each.

DELICATISSIMA, delicate pink, divided, 45c; medium, $1.10 each.

ROSE:

M. BARRAL, late full rose pink, small, 60c each.

MME. MUYSSART, large late deep rose, small, 40c each.

SOUV. DE G. CALOT, midseason silver pink, medium, $1.00; large, $1.50.

RED:

BERLIOZ, large currant red, small, 50c each.

PURPUREA SUPERBA, early deep red, small, 40c each.

MEISSONIER, very dark red without stamens; small, 40c each.

RUBRA SUPERBA (Richardson's),—best latest black, small, 40c each.

Mixed White, Divided, 8c each.
Mixed All Colors, Divided, 6c each.

GERMAN IRIS or FLEUR-DE-LIS.

NOT LESS THAN 25 OF A KIND.
DESCRIPTIVE CATALOGUE READY.

Florentina, San Souci, Speciosa, Sir Walter Scott	$6.00	per 100.
Celeste, Queen of May, Aurea, Harlequin Milanaise	8.00	"
Mme. Chereau, Judith, Black Prince	10.00	"
Fairy and Dalmatica	12.00	"

PETERSON NURSERY

504 W. Peterson Avenue, CHICAGO, ILL.

ROSES! From 2 1-2 Inch pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
ROSALIND ORR ENG.	$25.00	$200.00
AMERICAN BEAUTY	5.00	40.00
LA DETROIT	$6.00	$50.00
PERLE von Godesberg.	5.00	40.00

	Per 100	Per 1000
LIBERTY	$5.00	$45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00

AMERICAN BEAUTY—Bench plants.....$5 00 per 100; $40.00 per 1000
BRIDESMAID AND PERLE—3 inch pots..... 5.00 " 40.00 "

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, 51 WABASH AVE., CHICAGO

WINONA, MINN.

Fuhlbruegge Bros., who suffered heavy loss by fire on the morning of May 2, have now fully recovered from the effects of the fire and are better fixed than ever before. Soon after the fire a large crew of carpenters were set to work, and on May 20 they completed their work. The place was then turned over to the painters. The office, packing room and shipping room were entirely consumed by the fire, in addition to a large portion of the greenhouses. A new boiler room has been constructed under the shipping room and a room large enough to hold a car of coal has been constructed. Over 5000 square feet of glass had to be replaced as a result of the fire.

The shipping business of the firm has greatly increased and the shipping room had to be enlarged and this was done when the repairs were made after the fire. They say it is surprising how business is keeping up this year. The business Memorial day was far ahead of the business at Christmas and New Year's. Since Memorial day the business which is usually very slack, has kept up exceedingly well.

ORANGE, N. J.

The annual rose show of the New Jersey Floricultural Society took place on Wednesday, June 14. The staging provided was entirely filled with roses and exhibits of herbaceous flowers, which lent a pleasing variety to the array. The arrangement was tastefully done under the direction of D. Kindsgrab, gardener to Wm. Runkle, who won first prize in each rose class. Second prize went to Peter Duff, gardener to John Crosby Brown. Mr. Kindsgrab's best roses were Alfred Colomb, Margaret Dickson, Fisher Holmes, John Hopper, Jacqueminot, Ulrich Brunner and Mrs. John Laing.

Among those entered not for competition and rewarded with certificates were Roland Ruddock, gardener for Treadwell Cleveland, who had eleven varieties of roses and also delphiniums and sweet williams; John Hayes, gardener for O. D. Munn; Wm. Bennett, gardener for A. C. Van Gaasbeck; Wm. Reed, gardener at the Colgate estates; Arthur Caparn, gardener for Stewart Hartshorne, and others made very creditable displays. The judges were Malcolm Macrorie, Arthur T. Caparn and John Rolley, the latter superintendent at Prospect park, Brooklyn. The show was open to the public and was largely patronized.

J. B. D.

KEOKUK, IA.—Laisle & Haines are selling out their stock and will retire from business.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices, as we are in need of the space they occupy.

	Per 100	Per 1000
UNCLE JOHN, 3½-inch	$3 00	$25.00
UNCLE JOHN, 2-inch	2.00	15.00
BRIDESMAID, 2-inch	2.50	20 00
AMERICAN BEAUTY (Bench Plants)	4.00	35.00

CARNATIONS 100,000 FIELD-GROWN. Our plants being large, we are prepared to book orders now for early shipment and shall have the following varieties to offer.

ENCHANTRESS — CRUSADER — TRIUMPH
LAWSON pink — FLAMINGO — MRS. INE
BOSTON MARKET — HARRY PENN — FLORA HILL
NELSON FISHER — ROOSEVELT — PERU
STELLA — MRS. NELSON — GUARDIAN ANGEL

We have had several out-of-town florists looking over our field of Carnations and they not only pronounce them to be the furtherest advanced but also say that they are the best they have seen on their trip.

We shall begin making deliveries the latter part of July, at which time our stock will be in the best possible shape to ship. Prices furnished upon application; also when writing state when stock is wanted, we guaranteeing all stock to be in A-1 Condition.

J. A. BUDLONG, 37-39 Randolph Street CHICAGO

OLD BEAUTY PLANTS
FOR SALE

Choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 per 1000, at Hinsdale, Ill.

BASSETT & WASHBURN

Office: 76 Wabash Ave., CHICAGO.
Greenhouses: HINSDALE, ILLINOIS.

Something You Want Now
SURPLUS ROSES
in 4-inch pots.

1000 GOLDEN GATE
1000 IVORY
600 BRIDE

will close them out at $4.00 per 100.

J. W. Dudley & Son, Parkersburg, W. Va.

ROSES
Bargain Prices while They Last.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2 inch Smilax.

17 000 Brides, 2¼-inch pots, per 1000, $20.00.
32 000 Maids, 2¼ inch pots, per 1000 $2 00.
5 0 0 Meteors, 2¼-inch pots per 000 $20 00.
2,000 American Beauties, 3-inch pots, very fine, per 1000 $70.00.
2,000 Brides, 3-inch pots per 1000, $30.00.
250 at 1 00 rate.

Lake View Rose Gardens,
JAMESTOWN, N. Y.

Mention The Review when you write.

YOU CAN READILY MAKE
A HANDSOME PROFIT

Now by filling your empty benches with **KENTIAS** for Fall Trade. I have never offered a better lot of these popular Palms. They are clean, vigorous and exceptionally good value. I am confident that you will be pleased with my stock.



KENTIA BELMOREANA.

KENTIA BELMOREANA.

				Per doz.	Per 100
3-inch pots,	4 to 5 leaves,	12 to 15 inches high		$2.00	$15.00
4 "	5 to 6 "	15 to 18	"	4.50	35.00
5 "	6 to 7 "	18 to 20	"	6.00	50.00
5 "	6 to 7 "	20 to 22	"	9.00	70.00
				Each	Per doz.
6 "	6 to 7 "	22 to 26	"	$1.00	$12.00
6 "	6 to 7 "	28 to 30	"	1.25	15.00
6 "	6 to 7 "	30 to 36	"	1.50	18.00
8 "	6 to 7 "	34 to 36	"	2.50	30.00
9 "	6 to 7 "	42 to 48	"	5.00	

KENTIA FORSTERIANA.

				Per doz.	Per 100
3-inch pots,	5 leaves,	12 to 15 inches high		$2.00	$15.00
4 "	5 to 6 "	15 to 18	"	4.00	30.00
				Each	Per doz.
6 "	5 to 6 "	28 to 30	"	$1.00	$12.00
6 "	6 "	30 to 32	"	1.25	15.00
6 "	6 "	32 to 36	"	1.50	18.00

MADE-UP KENTIA FORSTERIANA.

7-inch pots,	4 plants in pot,	32 inches high	Each	$2.00
8 "	4 "	36	"	2.50
12-inch tubs,	4 plants in tub,	6 feet high, very bushy	"	12.50
12 "	4 " "	6 to 7 feet high, very bushy	"	15.00

All measurements from top of pot in natural position.

MAY I HAVE YOUR ORDER?

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

SURPLUS ROSE PLANTS!

300	Mme. Chatenay, 3½-inch	Own Root	$8.00 per 100
1000	Perle des Jardins, 3-inch	Own Root	7.00 "
500	Gen. MacArthur, 3-inch	Own Root	8.00 "
500	Gen. MacArthur, 2½-inch	Own Root	6.00 "
300	Mildred Grant, 3-inch	Own Root	10.00 "
300	Papa Gontier, 3-inch	Own Root	7.00 "
1000	Bridesmaid, 3-inch	Own Root	5.00 "
500	Brides, 3-inch	Own Root	5.00 "
400	Mme. Hoste, grafted 3-inch		$8.00 per 100

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

Mention The Review when you write.

ROSES...

800 Brides, 3-inch .....$5.00 per 100
800 Liberties, 4-inch.....10.00 per 100
800 Liberties, 2-year old, from bench, 5.00 per 100
Sample on application.

EUGENE WEISS, 61 North 8th St., PHILADELPHIA

Mention The Review when you write.

The Beautiful Pink Carnation

Candace Dissemination 1906. Early. Commercial.
$ 2.00 per doz.
12 00 per 100
100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Asparagus Plumosus

2½-in. pots, $3 50 per 100; $30 00 per 1000. Strong plants ready for immediate planting.

BOUVARDIA Single pink, white and red 2½-in pots, $4.00 per 100; $35.00 per 1000. Good stock.

CHAS. E. MEEHAN, Slocum and Musgrove Sts., Germantown, Phila., Pa.

Mention The Review when you write.

Asparagus Plumosus Nanus Plants

Just as they come from the flats. Grown from our own seed **$1.00 per 100 plants.** Address

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

GEO. A. KUHL,

Wholesale Florist . .

PEKIN, - ILLINOIS.

Mention The Review when you write.

SOUTH BEND, IND.

The following is from the Times of June 13 and tells the whole story:

There has been considerable rivalry between the florists of this city lately, which culminated last Sunday in roses and carnations being offered as low as 10 cents per dozen. The demoralized condition of the Chicago market the past week is partly responsible for the ridiculous prices. These conditions are spasmodic, however, and not at all to be depended upon. Ordinarily nothing but the cheapest grade of fakir stock, which cannot withstand shipment, is to be obtained at such prices. Good carnations cannot be sold at any time for less than 50 cents per dozen without a sacrifice. There is a class of people, however, who cannot afford even so small a price for flowers and these can be taken care of by having special sale days when the dealers can order flowers in lots of several thousand at greatly reduced prices, and by eliminating the expense of making up and delivering, the flowers can be sold at 25 cents per dozen with a small margin of profit. This applies only to the summer season. Fall and winter prices are regulated by the greater scarcity of stock due to the practice of starting new plants every summer, and also to the fact that the dull, cloudy weather and short days of early winter retards the growth of the plants.

The florists of the city were wise in burying their hatchets so soon, for the cessation of hostilities means a better quality of flowers for the public and living prices to the men who are obliged to work seven days in the week and from fourteen to twenty-four hours per day.

We, the undersigned, florists of the city of South Bend, do hereby agree to sell carnations and roses at 50 cents and $1.00 per dozen, respectively, until further notice.

The following discounts are agreed upon: 100, 10 per cent; 250, 15 per cent; 500, 20 per cent; 1,000, 25 per cent.

We further agree that on Wednesday of each week, until further notice, we shall sell the above named flowers at 25 cents and 50 cents per dozen, respectively, for the accommodation of people of limited means. At these prices, however, the flowers will be neither delivered nor made up into designs without extra charge, and no discount will be given.

SOUTH BEND FLORAL CO.
TREANOR & RETTIC.
AUGUST F. BEYER.
KINYON BROS.

CHATHAM, N. Y.

Wm. McCormack has pulled down his greenhouses and is out of business.

Julius T. Wagner has added one greenhouse 36x150 during the past few weeks.

Sunnywoods Greenhouses are making a success of growing Liberty roses.

The wagon express passes through Chatham to New York as regularly every night as any railroad train.

Rooted Cuttings and Plants.

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½ in. stock. Per 100
American Beauties	$5 00	$45.00	$7.00
Chatenay	4.00	30.00	5.00
Uncle John	4 50	40.00	6 00
Perles			5.00

	2½-in. stock. Per 100	2½ in. stock. Per 1000	3½-in. stock. Per 100
Golden Gates	$3.50	$30.00	$5 00
Bridesmaids	4 00	35.00	5 00
Brides	4 00	35 00	5.00
Sunrise	4.00	35.00	5.00

Cut Back Bench Beauties, $45 00 per 1000. **Meteors, Maids, Brides, Gates, Chatenay, Perles,** $2.50 per 100.

CHRYSANTHEMUMS.

White.	R. C Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Kalb	1.50	2.50
Robinson	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2 50
Wanamaker	1.50	2.50
Timothy Eaton	2 00	3.00
W. Bonnaffon	2.00	3.00
Chadwick	2.50	3 50
Crawford	2.00	3.00
Merry Christmas	1.50	2.50
Yellow.		
Monrovia	2 00	3.00
Parr	1.50	2.50
Sunshine	1.50	2.50
Whilldin	1.50	2.50
Halliday	1.50	2.50
Appleton	2.00	3.00

Yellow.	R. C. Per 100	2½-in. Per 100
Bonnaffon	$1.50	$2.50
Reiman	2.50	3.50
Yellow Eaton	2.50	3 50
Chautauqua Gold	2.00	3 00
Nagova	2.00	3.00
Pink.		
Lady Harriet	2 00	3.00
Pacific	1.50	2 50
V. Morel	2.00	3 00
Perrin	1.50	2 50
Xeno	2 00	3 00
Maud Dean	1.50	2 50
Quito	1.50	2.50
Pink Ivory	1 50	2.50
Shaw	1.50	2.50
Lady Hanham	2.00	3.00
Red.		
Intensity	2.00	3 00
Shrimpton	2.00	3.00

NEW VARIETIES.

White.	R.C. Doz.	2½-in. Doz.	2½-in. Per 100
Emily Mileham	$4.00	$5.00	$40.00
Mme. Paul Sahut	4.00	5.00	40.00
N. Pockett (cream)	.50	.75	4 00
Majestic (per 100)	10 00	....	15.00
Adelia "	10 00	....	15.00
Yellow.			
Mrs. Wm. Duckham (cup winner)	6.00	7.50	60 00
Merstham Yellow	4.00	5.00	40.00
Kimberly	.60	.75	....
Prima	.60	.75	....
Plumridge (per 100)	2 00	....	8.00
T. W. Pockett (per 100)	1.50	....	2.50

Pink.	R C. 100	2½ in. Per 100
American Beauty	$4 50	$4 00
Cobbold	2.50	4.00
McNiece	2.50	4.00
Ben Wells (light pink)	2.50	4.00
Leila Filkins	2.50	4.00
Etherington	2.50	4 00
Dr. Enguehard	2.50	4 00
Marie Liger	2 50	4 00
Coombes	2 50	4.00
Wm. Duckham	2.00	3.00

Red.	R. C. doz.	2½-in doz.
Sport of Duckham	$1.50	$2.50
Lord Hopetoun	.75	1 00

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for finest Cut Roses, Carnations, etc.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO

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J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

HEADQUARTERS
.....FOR.....
KILLARNEY

Siebrecht & Son,
ROSE HILL NURSERIES,
New Rochelle, N. Y.

Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS
.....OF.....
Chrysanthemums

Opah, October Sunshine, Mme. Bergmann, Willowbrook, Robinson, Major Bonnaffon and Ivory, all at $10 00 per 1000.

VIOLETS, from 2-inch pots.

Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell doubles, all at $2.50 per 100; $20.00 per 1000.

Eli Cross, Grand Rapids, Mich.

Mention The Review when you write.

...YOU WILL FIND...
ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

ENGLISH IVY AND SURPLUS BEDDING PLANTS

ENGLISH IVY, 4-in., $1.50 doz.; $12.00 100. **COBAEA SCANDENS,** 4-in., $1.00 doz.; $8.00 100.

CANNAS—Burbank, Alemannia, Souv. de Antoine Crozy, Francis Reif, Austria, Duchess of Marlborough, Mme. Louis Druz, Kate Gray, Robert Christie, 4-inch, $1.25 doz.; $10.00 per 100.

Ageratum, 4-inch, $8.00 100. Caladium, 5-inch, $15.00 100. Castor Beans, 4-inch, $8.00 100.
Begonia Vernon, 4-inch, $8.00 100. Petunias, 4-inch, $8.00 100. Salvia, 3-inch, $6.00 100.

All are plants in first-class condition and sure to please.

PRICE LIST OF PALMS AND FERNS

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.00	25.00
" "	7	34-36	6	$2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	7	32-36		2.00	24.00	
" " Single	8	34-38	5-6	2.50	30.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	8½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis, beautiful specimens in tubs.				40.00		
Phoenix Reclinata	6				9.00	
Ficus Elastica	4	10-12		.25	3.00	
" "	5	16-20		.40	4.50	
Araucaria Excelsa	4		2-3 tiers	.50	6.00	
" "	5		3-5 tiers	.75	9.00	
" "	6		3-5 tiers	1.25	15.00	
" " Compacta	6		3 tiers	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	
Pandanus Veitchii	6			1.00	12.00	
" "	7			2.00	24.00	
Pandanus Veitchii	9			$3.00	$36.00	
Poa Trivialis Var	3	Fine for Ferneries				$ 6.00
Crotons	3				1.50	
	4				3.00	
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Adiantum Cuneatum	4				1.50	12.00
"	5				2.00	15.00
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
" "	5				5.00	
" "	7				9.00	
" Terminalis	6	22-24		.75	9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					
" "	3				1.00	3.00
" "	4				1.00	8.00
" Sprengeri	3				50	12.00
" "	4				1.75	6.00
" "	5				.50	10.00
" "	6				.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" " "				5.00
Boston Ferns	8			1.25	15.00	
"	12			3.00		
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Mention The Review when you write.

AMERICAN BEAUTY

	Per 100.	Per 1000.
Plants from bench	$5.00	$40.00
Fine stock from 3-in. pots.		
MAIDS	3.50	30.00
BRIDES	3.50	30.00
GOLDEN GATES	3.00	25.00
IVORY	3.00	25 00
CHATENAY	3.50	30.00
LIBERTY	4.00	35.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

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SURPLUS

Rose Stock

Fine clean, cool grown stock of the following varieties.

	From 3-in. pots Per 100
BEAUTIES	$5.50 to $6.00
BRIDES	3.50
MAIDS	3 50
KAISERIN	3 50
IVORY	2.00

Satisfaction guaranteed or money returned.

UNITED STATES CUT FLOWER CO.

ELMIRA, N. Y.

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EASIGOLD

The new early Yellow Chrysanthemum. Easy to grow. Easy to sell and sold at the very easy price of $8.00 per 100; $60.00 per 1000. We have a big stock, having grown it for three years and offer it at a rate that enables every grower to fill a bench.

Testimonials by the dozen if you want them.

FLETCHER OF AUBURNDALE

AUBURNDALE, MASS.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

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SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

3000 Boston Market

From 2 1-4 Inch Pots

We have the above Carnations well established and with proper attention will make good plants by planting time $2.50 per 100.

GERANIUMS—B. Poitevine, Mrs. E. G. Hill, J. Viaud, fine plants from the bench, 12-in. high, fine for fall cuttings, $6.00 per 100. Cash.

The W. T. Buckley Co, Springfield, Ill.

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FIRST-CLASS ROSES FOR SALE

3½-inch pots, $6.00 per 100.

BRIDE	HOSTE.
BRIDESMAID.	SUNSET.
PERLE.	SUNRISE.
METEOR.	GOLDEN GATE.
CHATENAY.	IVORY.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

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Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address

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MADISON, N. J.

The Morris County Gardeners' and Florists' Society held its monthly meeting in its rooms in Madison on June 14. It was well attended. The exhibit of flowers, fruit and vegetables was of a high order. A. Herrington showed three vases of roses, two of sweet williams, two of sweet peas and a magnificent collection of digitalis, securing a certificate of merit. J. Heeremans, gardener to A. B. Whitney, showed a fine dish of Gradus peas and a dish of strawberries of the Sharpless type, but being more rounded, very large and thoroughly colored. A cultural certificate was worthily awarded. Robert McMullen, gardener to Mrs. G. F. Stone, staged a grand collection of hybrid roses and three vases of ramblers, crimson, white and yellow. A cultural certificate was awarded. Messrs. Duckham, Totty and Vince were judges.

President Heeremans, by request, read a paper on the culture of the herbaceous calceolaria. It was well received. Questions were freely asked and answered. A hearty vote of thanks was accorded the author. Three new members were elected. The new schedule for our fall show was in evidence. Nearly $500 are stated in its prize list, which is considerably in advance of last year. There will be no meetings in July and August, which will give the boys a chance to grow the stuff to get the money. E. R.

SALIDA, COLO.

A novel method to escape detection was employed by a burglar who entered the residence of J. H. Freeman, proprietor of the Salida greenhouse, on the evening of June 15. While Mr. and Mrs. Freeman were in the city their two little boys, aged 10 and 4, were left in the house. The burglar entered the bedroom, seized the eldest by the throat and gave him a choking, threatening to kill him if he uttered a word. He then wrapped the boy in a heavy blanket and proceeded to search the house for valuables. Mrs. Freeman was first to return and when the burglar heard her he dashed down the street. He overlooked a pocketbook hanging on the wall containing a considerable sum of money. The boy was almost smothered to death when found by his mother, having been wrapped in the blanket for nearly an hour.

PALMS, FERNS and all Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

CHAS. H. TOTTY,
Wholesale Florist
MADISON, N. J.
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ROSES for Immediate Effect

Haven't you in your trade a call for large, strong Rose plants, such as will give immediate results? We have prepared for June planting a stock of strong two-year-old plants, all on own roots except where noted and while they last will close them out at the extremely low price of **$15.00 per 100; 25 or more at 100 rate;** no charge for packing. These Roses can be placed in the open ground during this month and will give a profusion of flowers throughout the entire growing season. They are worth just twice as much as we are asking for them and they can be depended upon to produce the goods. They are well foliaged, have strong working roots and are now in 4 and 5-inch pots.

The Collection Includes a Wide Range of Varieties and Colors, Teas and Hybrid Teas

such as Meteor, Henry M. Stanley, Kaiserin Augusta Victoria, Marie Guillot, White Maman Cochet, Coquette de Lyon, Pink Soupert, Clothilde Soupert, Golden Gate, White Golden Gate, The Queen, Ma Fillette, Helena Cambier, Yellow Soupert, Mme. Jules Grolez, Striped La France, Yellow La France Bridesmaid, The Bride, Mme. Welche, Duchess of Albany, Mme. Abel Chatenay, Marie Lambert.

CLIMBERS—Crimson Rambler, Yellow Rambler, Climbing Clothilde Soupert and Cherokee.

HYBRID PERPETUALS—Coquette des Blanches, Perle des Blanches, Perfection des Blanches, Mme Gabriel Luizet and Merveille de Lyon.

Margaret Dickson, budded 5-inch pot plants $25.00 per 100.
Soleil d'Or, budded, 5-inch pot plants, $25 00 per 100.

BABY RAMBLER—Ever-blooming Dwarf Crimson Rambler. A gem among Roses. Always in bloom. Every Florist in the land should have it. 2½-inch pot plants, now ready for delivery, $2.50 per doz; $15.00 per 100: $125.00 per 1000.

MISCELLANEOUS PLANTS in 2½-inch pots.

Asparagus Sprengeri.....4c each	Yellow Alternantheras.....3c each
Asparagus Plumosus.....5c each	English Ivy.....4½c each
Flowering Begonias, assorted, named varieties.....3½c each	Sweet Scented Geraniums, Acalypha Triumphans, Sanderi, Bicolor and Marginata.....4c each
Fuchsias, named varieties.....4c each	English Clematis, six kinds, including Jackmani, strong, two-year, imported roots.....20c each
Boston Fern.....4c each	Kentia Belmoreana Palm, 3-in. pots.10c each
Sword Fern.....4c each	Areca Lutescens 3-inch pots.....10c each
Piersoni Fern.....4c each	
Scottii Fern.....12c each	
Carnations—F. Joost, E. Crocker, Queen Louise.....5c each	

Ask for catalogue; free. Address

THE DINGEE & CONARD CO.
Established 1850. 70 Greenhouses. **Rose Growers, West Grove, Pa.**
Mention The Review when you write.

PLUMOSUS
TO CLOSE OUT balance of stock of Plumosus I offer
PINE LARGE CLUMPS, while they last, at 5c each.
SAMUEL J. BUNTING, Elmwood Avenue and 58th Street, PHILADELPHIA, PA.
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Asparagus

	Per 100
4-in. Asparagus Plumosus Nanus	$10.00
Asparagus Plumosus Nanus, seedlings, $12.00 per 1000.	
2-in. Cyclamen, in 5 separate colors	4.00

D. U Augspurger & Sons, P.O. Box 778 Peoria, Ill.
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Asters—Carlson's white, strong, 50c per 100.
Pansies—Choicest strains, transplanted stock, $3.00 per 1000.
Cabbage—E. J. Wakefield, $2.00 per 1000.
Cabbage—Succession from seed bed, $1.50 per 1000
Tomato—Dwarf Champion, $2.50 per 1000.
Tomato—3000 strong transplanted Beauty, extra fine, $5.00 per 1000; the lot for $12.00.
F. GRISWOLD, Worthington, Ohio.
Mention The Review when you write.

SCARLET SAGE,

From 2-inch pots	$2 00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2 00 "
Vinca Variegata, 2-inch pots	2 00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.
E. I. Rawlings, Quakertown, Pa.
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BEGONIA GLOIRE de LORRAINE
2-in. stock, ready for a shift, $12.00 per 100.
BEGONIA TURNFORD HALL
2-in. stock, $15.00 per 100.
JULIUS ROEHRS CO., Rutherford, N. J.
Mention The Review when you write.

GERANIUMS...
4-in. pots, in bud and bloom, $6.00 per 100; 3-inch $4.00 per 100.
Lobelias, 2½-in., bushy plants, $1 50 per 100.
Coleus, 10 varieties, 2½-in. pots, $1.50 per 100.
Begonias, 20 varieties, 2½-in., $3.00 per 100; 3-inch, $5 00 per 100.
Verbenas, fine plants, 3-in. pots, $3.00 per 100.
G. W. RENARD, AVONDALE, PA.
Mention The Review when you write.

SURPLUS STOCK A BARGAIN
Field clumps Bellis, $1.00 per 100; $7.00 per 1000. Lobelias, Thunbergias, Marigolds, Verbenas, Dusty Miller, $1.00 per 100. German Ivy, Heliotropes, Coleus, 3-inch, $2 00 per 100. Princess of Wales Violets, field clumps, $4.00 per 100. Cash.
I. MERWIN RAYNER, GREENPORT, N. Y.
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ON TUESDAY, JUNE 27, WE WILL CLOSE THE SEASON, OFFERING TO THE TRADE AT AUCTION

a commercial variety of Palms, such as Kentias Forsteriana, Belmoreana; Arecas, Latanias; Ferns, Pandanus Veitchii and Utilis, Livistonas, Araucarias, and other Ornamentals; also a few Bays. These goods are suitable to grow on and should not be overlooked.

.....CATALOGS NOW READY.....

W. ELLIOTT & SONS, Auctioneers

54 and 56 Dey St., NEW YORK CITY

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Decoration Day Is Over Fill your houses with stock that grows into money while you sleep.

Araucaria Excelsa

Arrived 3,000 on May 1, per steamer Etonian, and 2,000 on May 30, per steamer Oxonian, of the choicest, grown for me under contract by an **Araucaria Specialist** in Belgium. I must say for the benefit of my customers that never before have they been so nice, large and well-grown for the money as they are this year. herewith quote you special low prices:

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25 to $1.50 each.

Araucaria Excelsa Glauca, 75c to $1.00 each.

Kentia Forsterianas, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana, 4 years old, 25 to 30 inches high, $1.00 each. (Above is the size entered in the Philadelphia Custom House).

Ficus Elastica, imported, 4-inch, $25.00 per 100, ready now.

BEDDING PLANTS.

Heliotropes, blue, 4-in., $6.00 per 100. **Scarlet Sage** Clara Bedman, 4-in., $7.00 per 100. **Begonia Vernon**, red and pink, 4-in., $7.00 per 100. **Cobaea Scandens**, 4-in., $8.00 per 100.

Coleus, Golden Bedder, Verschaffeltii and Queen Victoria; **Aster** Victoria; Verbenas, Phlox Drummondii and Dwarf Petunias, $3.00 per 100. California Giant Petunias, Scarlet Sage, Begonia Vernon; Ageratum, blue, 3-in. pots, $5.00 per 100.

Don't forget that I am the Moonvine grower of the land. Only **A. W. Smith's Hybrid Moonvines** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2½-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

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MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS, COLEUS and general bedding stock in large quantities.

Write for prices. Cash or reference.

L. H. FOSTER ESTATE,

45 King St., DORCHESTER, MASS.

Mention The Review when you write.

LET US HAVE YOUR ORDER FOR the most brilliant scarlet cerise Geranium in cultivation. Awarded four first-class certificates of merit and two diplomas. Unsurpassed for bedding out indispensable for conservatory. Its brilliant color, strong growth and profuse blooming qualities will make it the MOST popular and leading standard next season.

TELEGRAPH

Extra strong 2½-inch pot plants, $6.00 per 100. Extra strong 3-inch pot plants, $8.00 per 100. This price for the next two weeks. Every florist should place Telegraph in stock.

Cash with Order. **THOS. DEVOY & SON, POUGHKEEPSIE, N. Y.**

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New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

Mention The Review when you write.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3.00 per 1000. Pansies, in bud and bloom, $1.00 per 100; $8.00 per 1000. Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12.00 per 1000; R. C. 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $1.00 per 100. Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8.00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

GERANIUMS

150 Lady Washington Geraniums, violet blossoms 3½-inch pots, $6.00 per 100. Jean Viaud Geraniums, 3½-inch pots, $7.00 per 100, while they last. 200 S. A. Nutt, 3½-inch, $7.00 per 100, while they last.

HENRY BARTON, 67 Elm St., Westfield, Mass.

Greenhouse, 17 and 19 Noble St.

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PRIMULAS

Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping now, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO.

Asparagus Seedlings

from flats, well grown and thrifty.

Plumosus Nanus...$10.00 per 1000 } Cash with
Sprengeri ..... 8.00 per 1000 } order prepaid.

Get our prices on large lots.

Large 3-in. Plumosus Nanus, $25 per 1000 prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

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CELERY PLANTS

In Any Quantity.

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

R. VINCENT, JR., & SON

White Marsh, Md.

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BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in.	$8.00
Heliotrope, 3 and 4-in.	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in.	2.50
Verbena, 2½-in.	2.50
Lobelia, dwarf and tall, 2½-in.	2.25
Alyssum, 2-in.	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in.	5.00
Tomato Plants	per 1000, $8.00

Cash, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, fine for border, large 2-in., $2.50 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

ACALPHAS.

Acalyphas triumphans, Sanderi, bicolor and marginata, 2½-in., 4c.
Dingee & Conard Co., West Grove, Pa.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story. Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, strong clumps, bench grown, ready for 6 and 8-in. pots, $10 and $15 100. Cash.
G. Du Moulin, New York Mills, N. Y.

Very strong bench grown plants of Adiantum cuneatum, ready for 7 and 8-inch pots, 50c each.
John Wolf, Savannah, Ga.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum Stella Gurney, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratums, 2 vars., 2¼-in. pots, $2.50 100.
S. S. Peckham, New Bedford, Mass.

Ageratums, 4-in., $8.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ageratum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, red and yellow stocky plants from flats, $1.00 per 100 $8.50 per 1000.
Chas. L. Baum, Knoxville, Tenn.

Alternantheras, red and yellow, 2¼-in., $2.00 per 100. Satisfaction guaranteed.
H. J. Huesman, Reading, Pa.

Alternantheras, yellow and red; 2¼-in., $2.00 100; $15.00 1000. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, extra strong, 2½-in., $12.50 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Alternantheras, yellow, 2-in., $1.50 per 100; $14.00 per 1000. C. Winterich, Defiance, Ohio.

Brilliantissima, red; A. nana, yellow; 2-in., $2.00 100. A. J Baldwin, Newark, O.

Alternantheras, 2¼-in. pots, $2.50 100. Cash.
S. S. Peckham, New Bedford, Mass.

Yellow alternantheras, 2½-in., 3c each.
Dingee & Conard Co., West Grove, Pa.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Alyssum Little Gem, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, a real splendid lot, $9.00, $12.00, $15.00, $18.00 and $24.00 doz. Cash.
A. Schultheis, College Point, N. Y.

ASPARAGUS.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

4000 Asparagus plumosus nanus, in 2-in. pots, $2.50 per 100; 2000 seedlings, $1.50 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, in fine condition for immediate retailing, 4-in., $15.00; 5-in., $25.00. Sprengeri, 3-in., $5.00; 4-in., $8.00.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa

Sprengeri, extra strong, 2-inch, ready to shift or plant on bench, $2.50 100; $20.00 1000. Cash. Sample, 5c.
Dean Ferris, Peekskill, N. Y.

Asparagus Sprengeri, extra strong plants ready for shift, 4-in., $6.00 100; 5, 6 and 7-in., mixed, $1.30 doz.
Herms Floral Co., Portsmouth, O.

Asparagus plumosus, 2-inch, bushy, $3.00 100. Sprengeri, 4-inch, bushy, $10.00 100; 2-inch, bushy, $2.00 100.
Chas. L. Stanley, Plainfield, N. J.

Asparagus plumosus nanus plants just as they come from the flats, grown from our own seeds, $1.00 100.
B. H. Haverland, Pleasant Run, O.

Asparagus plumosus nanus, fine plants, $1.50 per 100; $12.00 per 1000. Sprengeri, $1.00 per 100, July 1st.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus nanus for planting, 3-in., $3.00 100, cash. A bargain for growing or for cutting. C. F. Baker & Son, Utica, N. Y.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. July delivery. Cash. Baur Floral Co., Erie, Pa.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus, 2½-in., strong, ready for shift, $3.00 100.
A. J. Baldwin, Newark, Ohio.

Asparagus Sprengeri, 2-in., $2.50 100; seedlings, $1.00 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

400 Asparagus plumosus nanus, 3-in., strong, $5.00 per 100, for cash.
Loeffler & Benke, Watertown, Wis.

Asparagus plumosus nanus, 4-in, $10.00 100; seedlings, $12.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus Sprengeri, 2½-in., 4c each; plumosus, 2½-in., 5c each.
Dingee & Conard Co., West Grove, Pa.

Asparagus plumosus, one year, bench-grown plants, $5.00 100.
F. C. Schweinfurth & Co., Ridgewood, N. J.

Asparagus plumosus nanus, 4-in. pots, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, 2-in., 40c per doz.; $2.50 per 100. Harmon & Henderson, Iola, Kan.

Asparagus plumosus, very strong, 3½-inch, $12.50 100. John Wolf, Savannah, Ga.

ASPARAGUS PLUMOSUS NANUS, Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, one-year, bench grown, $6.00 100. W. L. Hucke, Belleville, Ill.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus. Good stock.
J. B. Braidwood, Colorado Springs, Colo.

ASPIDISTRAS.

Aspidistra var., 7-in. pot, $1.00 each. Cash.
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Boston ferns, 2¼-in., $4.00 100; $35.00 1000. Piersoni and Boston ferns, 6-in., $50.00 100; 7-in., $1.00 each. Larger plants from $1.50 upward. Ferns in variety, from 2¼-in. pots, $3.00 100; $25.00 1000.
John Bader, Troy Hill, Allegheny City, Pa.

Assorted ferns for jardinieres, a fine lot in all the best varieties, ready for immediate use, from 2¼-in. pots, $3.00 100; $25.00 1000. 500 at 1000 rate. Fern seedlings, $1.00 100, $8.50 1000.
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2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
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Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

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Geraniums, 3½-in., good stock. Poitevine, J. Viaud, J. P. Cleary, La Favorite, $6.00. Trego, $8.00 100. French cannas, fuchsias, heliotropes, 3-in., $4.00 100. Shipped at once. Cash. W. G. Kroeber, 355 North St., New Bedford, Mass.

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Frequent importations best English mushroom spawn; always fresh and lively.
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Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
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Palms and decorative plants.
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Philadelphia-grown palms.
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Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

A few thousand fine plants of Giant Masterpiece, Giant Exhibition and other choice pansies, $1.25 100, cash. A large clump of rich soil with each plant.
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Pennisetum Ruppelianum, 2½-in., very strong plants, $4.00 per 100.
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Pennisetum Ruppelianum, 2½-in., $4.00 per 100. Rhoten Bros. & Co., Box 5, Danville, Ill.

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Petunias, 2¼-in. Dreer's double, mixed, $2.50 100. Dreer's superb single, mixed, $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, single, 2¼-in. pots, $2.50 100, cash.
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Petunias, 4-in., $8.00 100.
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White, generally called Queen Victoria, has been known to keep 6 weeks in cold storage, $9.00 100; $80.00 1000. Fragrans, the tall grower and bloom producer, $6.00 100; $50.00 1000. For other varieties, including Festiva maxima, write Gilbert H. Wild, Sarcoxie, Mo

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Peonies, all the best varieties and many seedlings and novelties. Book orders early for fall shipments. Write for list and prices.
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Peonies: 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

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FESTIVA MAXIMA, tallest paper white, divided, 45c; medium, $1.10; large, $1.75 each.
SEAFOAM, clear white, no markings, small, 60c each.
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PAPAVERIFLORA, large full white, small, 40c each.
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THE BRIDE, dainty blush white, divided, 20c each.

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GOLDEN HARVEST, pink guard and center, divided, 35c each.
DORCHESTER, late light pink, divided, 35c each.
PRINCESS BEATRICE, large crown pink, divided, 20c; small, 40c each.
MODELE DE PERFECTION, solid clear pink, with full crimped center, divided, 35c; 3-year, $2.50 each.
JOAN D'ARC, deep pink guard, light center, small, 25c each.
DUKE OF CLARENCE, lilac guard and center, small, 75c each.
DELICATISSIMA, delicate pink, divided, 45c; medium, $1.10 each.

Rose.

M. BARRAL, late full rose pink, small, 60c each.
MME. MUYSSART, large late deep rose, small, 40c each.
SOUV. DE G. CALOT, midseason silver pink, medium, $1.00; large, $1.50 each.

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BERLIOZ, large currant red, small, 50c each.
PURPUREA SUPERBA, early deep red, small, 40c each.
MEISSONIER, very dark red without stamens, small, 40c each.
RUBRA SUPERBA (Richardson's), best latest black, small, 40c each.
Mixed White, Divided, 8c each.
Mixed All Colors, Divided, 6c each.

Explanation—Divided plants will have not less than two eyes. Plants designated small were divided last year and have one or two stalks of this year's growth; medium plants are two years old and have three to five stalks; large plants are three years old, with six to ten stalks or more. Next year a plant will have from two to three times as many stalks as this year.

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Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

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Hardy phlox, finest named, 4-in., 10c.
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Hardy phlox, $2.50 100.
National Plant Co., Dayton, O.

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Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
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Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
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Baby primrose (Forbesi) seedlings, strong, 75c per 100. Mailed. Cash.
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California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

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ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
Chatenay	$3.00	$25	La Detroit	$6.00	$50
Godesberg	5.00	40	English	25.00	200
Liberty	5.00	45	Uncle John	3.00	25
Kaiserin	3.00	25	Bride	3.00	25
Ivory	3.00	25	Am. Beauty	5.00	40
Bridesmaid	3.00	25			

Bridesmaid and Perle, 3-in. pots, $5.00 100; $40.00 1000.

American Beauty, bench plants, $5.00 100; $40.00 1000.

All plants sold under express condition that if not satisfactory they may be returned.
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Roses.	100	1000		100
Beauties, 2½-in.	$5.00	$45	3½-in.	$7.00
Chatenay, 2½-in.	4.00	30	3½-in.	5.00
Uncle John, 2½-in.	4.50	40	3½-in.	6.00
Bridesmaid, 2½-in.	4.00	35	3½-in.	5.00
Golden Gate, 2½-in.	3.50	30	3½-in.	5.00
Bride, 2½-in.	4.00	35	3½-in.	5.00
Sunrise, 2½-in.	4.00	35	3½-in.	5.00
Perle			3½-in.	5.00

Cut back, bench Beauties, $45.00 1000. Meteor, Maid, Bride, Gate, Chatenay, Perle, $2.50 100.
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For immediate removal we offer a limited number of good, clean, healthy rose plants at extremely low prices, as we need the space they occupy.

	100	1000
Uncle John, 3½-inch	$3.00	$25.00
Uncle John, 2-inch	2.00	15.00
Bridesmaid, 2-inch	2.50	20.00
American Beauty, bench plants	4.00	35.00

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ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

Large, strong rose plants, 2-yr.-old, on own root, in 4 and 5-in. pots, $15.00 100; 25 or more at 100 rate, for varieties see display adv. Margaret Dickson and Soleil d'Or, budded, 5-in., $25.00 100.

Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2¼-in. pot plants, $2.50 doz., $15.00 100, $125.00 1000.
Dingee & Conard Co., West Grove, Pa.

Grafted roses, fine stock, ready for benching. Bride, Bridesmaid, Golden Gate, 3½ and 4-in. pots, $12.00 per 100, $100.00 per 1000. Liberty, 4-in. pots, $15.00 per 100.

Fine own root stock. Bride, Bridesmaid, Golden Gate, Ivory, 3-in. pots, $3.50 per 100; 4-in. stock, $5.50 per 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

Surplus rose plants, 3-in., own roots. Per 100:

Perle des Jardins	$ 7	Papa Gontier	$7
Gen. MacArthur	8	Bridesmaid	5
Mildred Grant	10	Bride	5

Mme. Chatenay, 3½-in., $8.00; Gen. MacArthur, 2½-in., $6.00 100. Mme. Hoste (grafted), 3-in., $8.00 100.
J. BREITMEYER'S SONS, Detroit, Mich.

Roses, own roots. Ivory, Meteor, C. Soupert, M. Niel, W. Maman, Albany, Helen Gould, Malmaison, Hermosa, Phila. Rambler, 2½-in., $2.25 per 100; $18.00 per 1000. C. Rambler, Mme. C. Wood, Perle, Vick's Caprice, Capt. Christy, Gen. Jacq., Mme. Plantier, Kaiserin, Sunrise, $3.00 per 100; $25.00 1000.
C. M. Niuffer, Springfield, Ohio.

Roses. Fine stock from 3-in. pots.

	100	1000		100	1000
Maid	$3.50	$30	Ivory	$3.00	$25
Bride	3.50	30	Chatenay	3.50	30
Golden Gate	3.00	25	Liberty	4.00	35

American Beauty plants from bench, $5.00 100, $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Surplus stock of standard varieties of everblooming bedding roses. Strong, healthy stock from 2½-in. pots, Bride, Bridesmaid, White Maman Cochet, Mary Washington, Queen's Scarlet, etc. Strictly our choice of varieties in good assortment, $2.00 100; $17.00 1000.
Storrs & Harrison Co., Painesville, O.

American Beauty, 2½-in., $7.00 100. Liberty, 2½-in., $6.00 100. Kaiserin, 2½-in., $4.00; 3-in., $6.00 100. Bride and Maid, 2½-in., $3.50; 3-in., $5.00 100.
Phila. Wholesale Flower Market, Phila., Pa.

Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Roses. Clean, vigorous plants. Bride, Maid, 2½-in., $2.50; 3-in., $4.50. Meteor, Golden Gate, 2½-in., $3.00; 3-in., $4.50. Beauties, 3-in., $6.00; 4-in., $12.00. Hermosa and Soupert, fine, 3-in., $5.00; 4-in., $10.00.
W. H. Gullett & Sons, Lincoln, Ill.

Roses in fine condition for planting. Bride, Maid and Meteor, 2¼-in., $20.00 1000. American Beauties, 3-in., very fine, $70.00 1000. Bride, 3-in., $30.00 1000. 250 at 1000 rate. Or will exchange part for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

Roses, propagated from grafted stock. Strong, healthy and well rooted. Extra fancy stock.
Brides, Maids, 3-in., $6.00.
Liberty, 3-in., $8.00.
Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

Brides and Maids,
$4.00 per 100, 4-in. pots.
Fine Gen. MacArthur,
$10.00 per 100. Good, clean, healthy stock.
R. M. Schultz, Madison, N. J.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

DOROTHY PERKINS roses. Orders booked now for fall delivery. Strong, 2-yr.-old, field grown plants, on own roots. Price, for early orders, $9.00 100; $80.00 1000.
Jackson & Perkins Co., Newark, New York.

We are growing 150,000 roses of the best leading varieties of H. P., H. T., and Climbers, in 2-in. pots. Prices low if orders are given now for next spring's delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

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800 Brides, 3-in., $5.00 per 100. 500 Liberties, 4-in., $10.00 per 100. 800 Liberties, 2-year-old, from bench, $5.00 per 100. Sample on application.
Eugene Weiss, 61 No. 8th St., Phila.

Surplus rose stock, fine, clean and cool-grown from 3-in. pots, Beauties, $5.50 to $6.00; Brides, Maids and Kaiserin, $3.50; Ivory, $2.00 100.
United States Cut Flower Co., Elmira, N. Y.

Exceptionally strong, healthy plants of BRIDE and BRIDESMAID, both grafted and own root, in 2¼ and 4-inch pots.
Send for sample and prices.
W. H. ELLIOTT, BRIGHTON, MASS.

Old Beauty plants, choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 1000.
Bassett & Washburn, Hinsdale, Ill.

Roses, first-class stock, 3½-in. pots, $6.00 per 100. Bride, Bridesmaid, Perle, Meteor, Chatenay, Hoste, Sunset, Sunrise, Golden Gate, Ivory.
P. R. Quinlan & Co., Syracuse, N. Y.

Golden Gate, Ivory, Pink and White Cochet, M. Niel and 100 other sorts; 2½-in. pots, $18 1000. Baby Rambler, 1½-in. pots, $10 100.
Springfield Floral Co., Springfield, O.

Roses. La Detroit, 3-in., extra fine stock, while they last, $6.00 100. Chatenay, Perle and Sunrise, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Kaiserin rose plants, strong, clean, 4-inch, $8.00 100; 3-inch, $3.50 100. Old plants, Bride and Bridesmaid, $3.00 100.
Mrs. A. M. Schafer, 229 Balmoral Ave., Chicago.

Surplus roses. Will close them out at $4.00 per 100. 1000 Golden Gate, 1000 Ivory and 600 Brides, all in 4-in. pots.
J. W. Dudley & Son, Parkersburg, West Va.

American Beauty, clean 3-in. stock, $6.00 per 100, $50.00 per 1000. Meteor, 3-in., $4.00 per 100, $35.00 per 1000.
Krueger Bros., Toledo, Ohio.

Good clean stock, 3-inch; 5000 Bride, 5000 Bridesmaid, 1200 Kaiserin. Write for prices.
F. & H. Mergenthaler, Germantown, Phila, Pa.

Baby Rambler, true, now in 3-in., $12.50 100.
Leedle Co., Expert Rose Growers, Springfield, O.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

We have a limited supply of extra fine plants of Chatenay, Uncle John, and Perle. Write us. J. M. Gasser Co., Cleveland, O.

MacArthur rose plants, grafted. 300 fine healthy plants from 4-in. pots, $12.00 per 100. A. C. Canfield, Springfield, Ill.

Roses. Ivory and Golden Gate, 3-in. pots, good, clean, healthy stock, $4.00 per 100. Robt. Buck & Co., Washington C. H., O.

Roses, list of good standard varieties, $3.00 100; $25.00 1000. Burdell Floral Co., Bowling Green, Ky.

2000 good Bridesmaids, from 3½-in. pots, $4.00 100. Cash. James Horan & Son, Bridgeport, Conn.

400 Meteor rose plants, 2½-in. rose pots, $3.00 100. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

RUBBERS.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

SALVIAS.

Salvia splendens, a fine lot, about 2,000, in 2 and 2½-in. pots, at $2.00 100. Cash. Will exchange for Vinca variegata for stock. H. M. Woundy, New Canaan, Conn.

Salvias splendens and Bonfire, extra strong, 2, 3 and 4-in., $1.00, $1.50 and $2.00 per 100. Wm. S. Herzog, Morris Plains, N. J.

Salvia splendens, 500 plants, in fine condition; 3½-in. and 4-in. pots, $3.50 100. T. H. Keefe, Madison, N. J.

Salvia splendens, 2¼-inch, $2.00 100; from flats, $1.00 100. Cash. H. Weston, Hempstead, N. Y.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Splendens, 2½-in., $1.50; 4-in., $3.00 100. Leedle Co., Expert Rose Growers, Springfield, O.

Salvia splendens, 2-in. pots, $1.50 per 100. Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, from 2-in. pots, $2.00 100. E. I. Rawlings, Quakertown, Pa.

Salvia splendens, 2-in., $1.25 per 100. A. B. Campbell, Cochranville, Pa.

Salvia Bonfire, 3-in., $3.00 100. Crown Point Floral Co., Crown Point, Ind.

Salvias, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Salvias, 3-in., $6.00 100. Wittbold Co., 1657 Buckingham Pl., Chicago.

Salvias, $2.00 100. National Plant Co., Dayton, O.

Salvia, $3.00 100. Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

CINERARIA STELLATA, most floriferous of all cinerarias, blooms continuously for a long time, flowers are all pure white, light mauve, violet; the best cut flower for funeral work, 99% germination, pkt., 25c. Cineraria nana maxima, giant-flowered, in separate colors, pkt. 500 seeds; pure white Boulede Neige, azure blue, dazzling crimson, 50c; new sort, old rose color, magnificent, 100 seeds, 25c; all colors, mixed, 25c; 5 pkts., $1.00. C. grandiflora max., pkt., 25c; 5 pkts., $1.10.

Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.

Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.

Best German, winter-flowering, ten weeks stocks, pkt., 25c.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Giant daisy, finest giant, mixed, 1000 seeds, 25c.

Cineraria, finest large flowering, dwarf, mixed. 1000 seeds, 50c.

Giant pansy, the best large flowering varieties, critically selected. 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash. John F. Rupp, Shiremanstown, Pa.

New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1000; per whole case of 5000 seeds, $15.00.

ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1000, 5000 for $12.00, 10,000 for $20.00. Germination guaranteed.

Clucas & Boddington Co., 131 West 23d St., New York City.

Brown's extra select, superb GIANT PRIZE PANSIES were awarded silver medal, St. Louis exposition, 1904. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1.

See display adv. for full description of my pansies, also see illustration of my pansy field in this issue. Peter Brown, Lancaster, Pa.

Johnson & Stokes' Kingly collection of giant pansies, half trade pkt., 1000 seeds, 30c; trade pkt., 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00. Also the most popular pansies of the best English, French and German strains. For varieties and prices see display adv. Johnson & Stokes, 217-219 Market St., Phila.

Our new sweet pea, GLADYS UNWIN, best and largest pink by far; generally throws four flowers to a stem; for early autumn delivery, 10 shillings per pound.

Watkins & Simpson, Wholesale Seedsmen, 12 Tavistock St., Covent Garden, London, England.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts. A. A. Berry Seed Co., Clarinda, Iowa.

Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market. J. C. Schmidt Co., Bristol, Pa.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c. Wm. Linfoot, N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000. A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it. L. E. Williams, Nottingham, N. H.

New crop ONION SETS. Grown without rain or irrigation. Write for prices. Johnson & Musser Seed Co., Los Angeles, Cal.

RELIABLE SEEDS. For list of varieties and prices see display adv. O. V. Zangen, Hoboken, N. J.

PANSY SEED. See display adv. in this issue for our special offer. Weigelt & Co., Erfurt, Germany.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order. Cottage Nursey, San Diego, Cal.

Wholesale price list of seeds for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for the florist. Catalogue free. W. W. Rawson & Co., Boston, Mass.

Pansy seed ready in July. $4.00 oz. Jos. H Cunningham, Delaware, O.

Advertisers have learned from experience that THE REVIEW PAYS BEST.

SMILAX.

Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100. L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100. C. C. Pollworth Co., Milwaukee, Wis.

SMILAX, strong, clean, 2½-in., good as 3-in., $2.00 per 100. John Belmford, Wilton Junction, Iowa.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, nice, bushy plants, 2¼-in., $1.50 100, $12.50 1000. C. R. Hills, Grand Rapids, Mich.

Smilax seedlings, $2.50 per 1000; 2-in., $1.25 per 100. Cash. Byer Bros., Chambersburg, Pa.

Smilax, fine plants, 2¼-in., $1.25 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2½-in., $1.50 100; $12.50 1000. J. L. Dillon, Bloomsburg, Pa.

Smilax, 2¼-in., $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2¼-in., $2.00 per 100. Rhoten Bros. & Co., Box 5, Danville, Ill.

STEVIAS.

Stevias, 2½-in., 40c per doz., $2.00 per 100. Harmon & Henderson, Iola, Kan.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000. Poehlmann Bros. Co., Morton Grove, Ill.

STOKESIAS.

Stokesia cyanea, 2-in., $2.00 100. National Plant Co., Dayton, O.

SURPLUS STOCK.

Field clumps bellis, $1.00 100, $7.00 1000. Lobelias, thunbergias, marigolds, verbenas, dusty millers, $1.00 100. German ivy, heliotropes, coleus, 3-in., $2.00 100. Princess of Wales violet clumps, $4.00 100. Cash, I. Merwin Rayner, Greenport, N. Y.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c. F. A. Baller, Bloomington, Ill.

SWEET WILLIAMS.

Sweet williams, last call, fine stock, in bud and bloom, 3-in. pots, $3.00 100 to close them out. Cash. R. G. Hanford, Norwalk, Conn.

VEGETABLE PLANTS.

TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.

CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.

BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.

PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.

CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Celery, strong, transplanted, ready for field—Golden Self-Blanching and White Plume, $2.50 per 1000, $2.00 per 1000 in lots of 5000 or over. Pepper plants, stocky, 8 to 10 in. tall, twice transplanted, $5.00 per 1000—Bull Nose and Chinese Giant. Write for prices on winter cabbage, genuine imported Danish seed. Sample plants mailed on application. Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Vegetable plants, 5 million celery; White Plume, Giant Pascal, Winter Queen, Dwarf Golden Heart, and Pink Plume; 1000, $1.00, transplanted $2.00. Cabbage and tomatoes, in leading var., same price. Orders filled same day received. List of plants mailed free. Ludvig Mosbaek, Onarga, Ill.

1,000,000 late cabbage plants for sale. Flat Dutch, Autumn King, Succession, Danish Ballhead, etc.; also 500,000 Giant Pascal, Self-Blanching and Boston Market celery plants. All A1 fine, stocky plants at 25c per 100, $2.00 per 1000. Try them. Alonzo Bryan, Washington, New Jersey.

200,000 sweet potato plants, Jersey Red, Jersey Yellow, Southern Queen, Yellow Yam, $2.00 1000. Delivered anywhere in the United States. Oak Lawn Greenhouse and Gardens, Hopkinsville, Ky.

Cabbage—E. J. Wakefield, $2.00 1000; Succession, from seed bed, $1.50 1000. Tomatoes—Dwarf Champion, $2.50 1000. 3000 Beauty, strong, transplanted, $5.00 1000, the lot for $12.00. F. Griswold, Worthington, O.

Cabbage—Flat Dutch and Holland, $1.50 1000. Cauliflower—Autumn Giant, 25c 100. Tomatoes—Chalk's Jewel, Stone, Ponderosa and Moore's Triumph, $2.00 1000; Yams, $1.50 1000. D. W. Walter, Massillon, Ohio.

20,000 celery plants. White Plume, Golden Self-Blanching, Giant Pascal and Kalamazoo, short, stocky and hardy, 3 to 5 inches high, $2.50 per 1000. Cash with order. Peckham Bros., R. F. D. 1, Norwich, Conn.

Late cabbage—Flat Dutch, Harris' Perfection, Drumhead and Danish Ballhead, 15c per 100; $1.00 per 1000.
S. J. McMichael, 142 Larkin St., Findlay, O.

Cabbage—Late Flat Dutch and Surehead, 85c per 1000. Cash. Byer Floral Co., Shippensburg, Pa.

Cabbage—Surehead, 25c 100; $1.50 1000. Cash. Ray H. Palmer, Randolph, N. Y.

Tomato plants, $8.00 1000. Cash. Converse Greenhouses, Webster, Mass.

VERBENAS.

Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

VERBENAS—Continued.

Verbenas, finest strain, mixed, from seed, 2-in. pots, $2.00 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Verbenas, 10 large flowering varieties in separate colors, 2½-in., $2.00 per 100.
Jas. D. Hooper, Richmond, Va.

Verbenas, fine plants, 3-in., $3.00 100.
G. W. Renard, Avondale, Pa.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

VINCAS.

50,000 Vinca major var., 2-in. pots, $1.50 per 100; $13.00 per 1000. Transplanted, $1.00 per 100; $8.00 per 1000.
P. J. Agnew, Springfield, Ohio.

Vinca var. major, 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca var., strong plants, long vines, closing out at 12½c. Otto Bourdy, Lowell, Mass.

Myrtle (vinca minor), $10.00 and $20.00 per 1000. S. J. Galloway, Eaton, Ohio.

Vincas, Madagascar periwinkle, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

VIOLETS.

Violets, selected field-grown plants of Princess of Wales and California, lightly packed, $2.50 100; $25.00 1000; fine 4-in. pot plants, $3.00 100; $25.00 1000.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Violets from 2-in. pots. Princess of Wales and Dorsett, singles; Marie Louise and Lady Campbell, double. All at $2.50 100; $20.00 1000.
Eli Cross, Grand Rapids, Mich.

Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. From sand, $10.00 1000.
Schaefer's, Inc., Newburgh, N. Y.

Marie Louise violet plants, clean and healthy. Call and examine them before you buy. $15.00 per 1000.
J. M. Lown, Box 115, Rhinebeck, N. Y.

Young violet plants, Marie Louise, from healthy, vigorous stock, $3.00 per 100, $25.00 per 1000. F. R. Snyder, Box 233, Rhinebeck, N. Y.

Marie Louise, sand rooted cuttings, clean and healthy, $1.50 100, $12.00 1000. Cash. Sample, 10c. Wm. F. Hoffman, Poughkeepsie, N. Y.

Marie Louise violets, 8000 fall clumps, good, at $5.00 per 100, $40.00 per 1000.
M. A. Postma, Sibley, Ill.

Princess of Wales and California, from 2½-inch pots, $25.00 1000.
Ledges Co., Bellevue, Wash.

ZINNIAS.

Zinnia, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MISCELLANEOUS.

Mixed varieties of summer flowering plants for sale; from imported seeds; beautiful collection, $1.50 per 100. Cash.
C. M. Hemaia, Buckley, Ill.

WANTED.

Wanted—To buy for cash, 200 Lawson, 200 Enchantress, 200 each of Flora Hill and Queen Louise, 200 each of Joost and Crane or America, 100 Mrs. Patten and 100 White Lawson carnation plants from 2½ or 3-inch pots; also several hundred Boston and sword ferns in 2 and 3-inch pots. Prices must be reasonable.

Or I will give in EXCHANGE for the above 4 and 5-inch Sprengeri and plumosus nanus, fine specimens of 6 and 7-inch rubbers, 7 and 8-inch pot specimens of Araucaria excelsa, or I have thousands of fine, stocky, well and cool-grown bedding plants such as pansies, double daisies, vincas, single petunias, verbenas, dwarf cosmas, coleus, stocks, etc., etc. Or will sell any of the stock offered for exchange, cheap for cash. Write at once if there is anything in this list that you need.

Send sample of carnations with first letter.

C. W. EIFLER, 1907-1915 Second Ave., Altoona, Pa.

Wanted—Prices on 400 each of White and Pink Lawson for immediate planting in bench, 2 or 2¼-in. preferred.
O. L. Baird, Dixon, Ill.

TO EXCHANGE.

To Exchange—Roses (see display adv.) for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

To Exchange—See my adv. under the heading of WANTED, in this department. If you have the stock I want or can use any of the stock I have, write me at once.
C. W. Eifler, Altoona, Pa.

To Exchange—Salvia splendens, 2 and 2½-in. pots at $2.00 100, for Vinca variegata for stock.
H. W. Woundy, New Canaan, Conn.

To Exchange—Heliotrope, rooted cuttings or 2 and 2½-in., for anything we can use.
Burdell Floral Co., Bowling Green, Ky.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

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TARRYTOWN ROSE SHOW.

The sixth annual rose exhibition of the Tarrytown Horticultural Society was held in the Lyceum building on June 13. In spite of the very dry season, the exhibits were quite up to the high standard of former years. The show was under the able management of David McFarlane and was very tastefully arranged. The attendance, always good, was even better than in former years, the hall being well filled in the afternoon and crowded in the evening.

Following were the principal prize-winners. In the rose classes: Mrs. Geo. Lewis, James Ballantyne, gardener, won out for the best vase, for the best twenty-five blooms and for the best display of climbing roses. Mrs. J. B. Trevor, Howard Nichols, gardener, was first for the best collection and for the best six varieties. For the best three varieties the first prize was won by the Misses Masters, Henry Kastberg, gardener; and for the best twelve blooms any one variety Mrs. Ogden Codman, Frank Luckenbacher, gardener, was first.

In hardy perennials Wm. Rockefeller, Geo. Middleton, gardener, was first and Mrs. O. Codman, second, for the best collection. In strawberries Mrs. Trevor was first for the best three quarts and the best quart, while Howard Willets, A. Weisenberger, gardener, was first for the best two quarts.

Samuel Untermyer, John Featherstone, gardener, won out with a splendid collection of hardy shrubs. Mrs. Geo. Lewis was first for collection of sweet peas and first for collection of antirrhinums. In vegetables Mrs. Trevor and Mrs. Codman were the principal prize-winners.

Samuel Untermyer exhibited a beautiful table of fancy leaved caladiums, also a very nice collection of greenhouse fruit, including grapes, peaches, nectarines, figs and melons.

The F. R. Pierson Company's exhibit, which added greatly to the beauty of the show, included shrubs and herbaceous plants, Marguerite Queen Alexandra, new rambler rose Leuchstern and their beautiful Tarrytown fern.

A fine vase of Spanish iris and a vase of sweet peas were exhibited by Mrs. John H. Hall, Francis Gibson, gardener, which were awarded a special prize.

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HARRISON POTTERY, Harrison, Ohio.

DAVENPORT, IA.

The Tri-City Florists' Association will be represented at the national convention at Washington. John Temple, who is president of the local association, will likely be one of the delegation from Davenport, and Theodore Ewoldt, who is the Iowa state vice-president of the S. A. F., will also attend. At the meeting held June 13 at the Floral Hill gardens Mr. Temple was empowered to interview the railway officials in regard to rates and to make other arrangements for the trip.

The Tri-City Association will hold its annual outing during the first week of August. The exact time and place have not yet been appointed, but a committee composed of Emil Boehm, Henry Pauli, William Knees and Theodore Ewoldt has been named to make the necessary preliminary arrangements.

Auditor Emil Boehm reported last night that the books of the financial secretary and the treasurer had been inspected and found to be correct in every particular. One of the entertaining features of last night's session was an illustrative lecture by Theodore Ewoldt on "The Best Way to Raise Strawberries." As a practical illustration a strawberry supper was enjoyed at the conclusion of the meeting.

The next session will be held with John Staack, in Moline, on the second Thursday of July.

OCEANIC, N. J.

The annual rose show of the Monmouth County Horticultural Society was held June 16. The exhibition was a great success, the hall being filled to overflowing. It was a little too early for sweet peas, but there were, nevertheless, some fine exhibits. The display of fruits and vegetables was the finest ever seen in this section. It was suggested that the exhibits in this department be auctioned for the benefit of the society and the strawberries brought as high as $1.10 per plate and some of the lettuce as high as 88 cents per head. The principal prize-winners on roses were Messrs. Hale, Butterbach, Dowlen and Kettel. Hale, Kennedy and Kettel had the best sweet peas. Hale was first for strawberries. Certificates were awarded to Wm. Dowlen for poppies, to Jas. Kennedy for roses, Jas. Dowlen for cauliflower, A. Strohmenger for collection of vegetables, to Wm. Turner for hardy flowers and carnations, to Longstreet, Butterbach, Hale and Kettel for miscellaneous exhibits. B.

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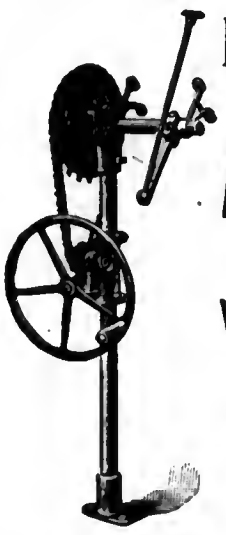
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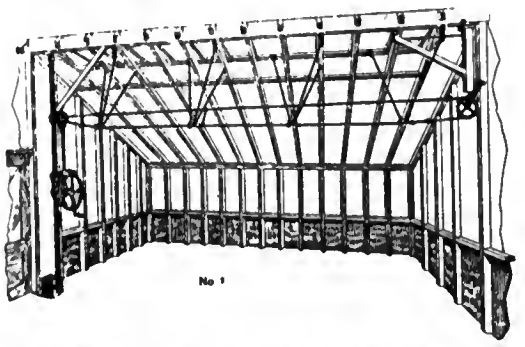
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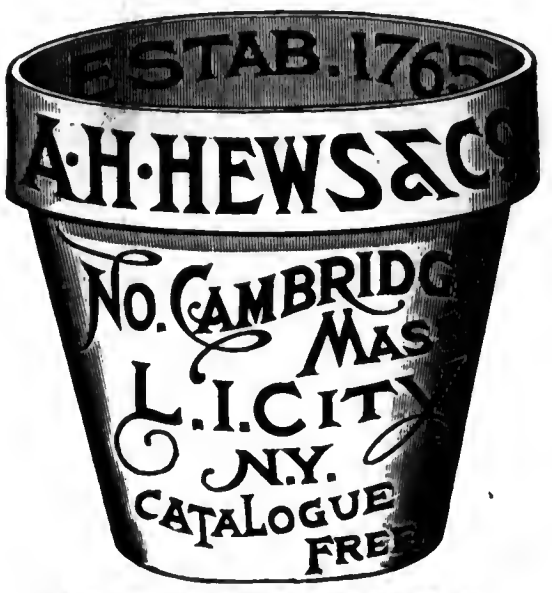
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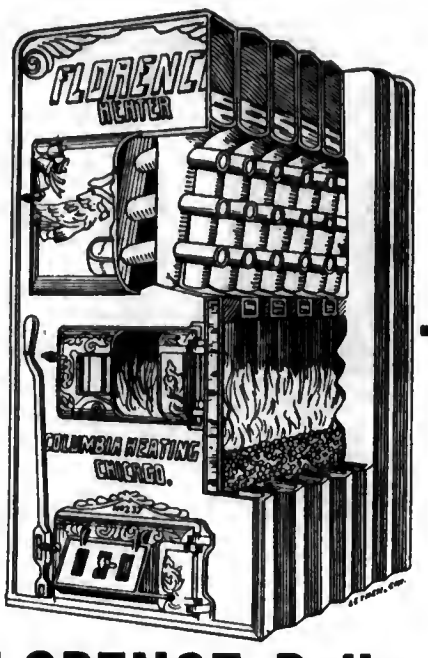
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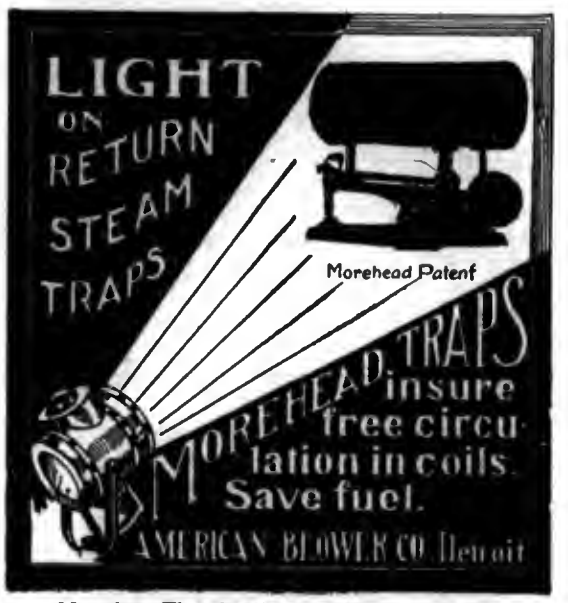


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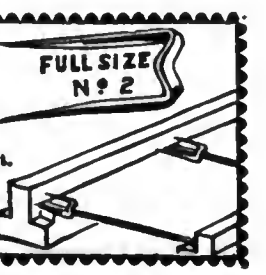
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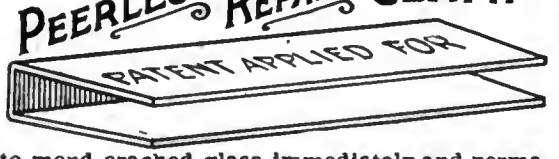


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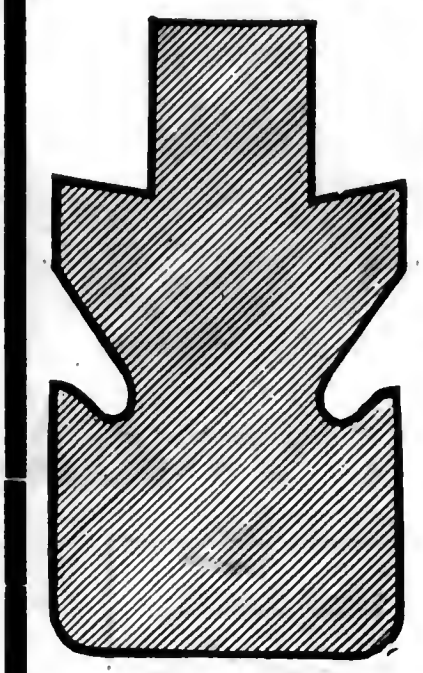
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, JUNE 29, 1905. No. 396.

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MISCELLANEOUS SEASONABLE HINTS.

Cyclamens.

For the next three months cyclamens want careful management. They do not enjoy the hot weather of July and August. If you do not have a house where you can apply a portable shade during the bright, hot hours of the day and remove it entirely after 4 p. m. and on dull days, then they are much better off in a cold frame with the sash raised a few inches back and front. In a frame this shade is easily adjusted and the free circulation of air over them is very beneficial.

Whether on a bench or in a frame, plunge the pots to the rim in tobacco stems and renew them every three weeks. There is not much known about the minute creature called the "mite," and it does not appear generally until the month of September, but the constant use of these stems is an excellent preventive against this mite, as well as against the better known aphis, spider and thrips. When we fumigated a frame or a hotbed by burning stems in a tin or galvanized iron vessel it was an awkward job, but now with the pie dish and tobacco dust it is easily and pleasantly done. Remember that the cubic feet of atmosphere in a cold frame or hotbed are very few, so do not overdo it. The merit of the dust over burning stems is that there is not a dense volume of smoke for a few minutes, but the fumes from the smoldering dust will last two or three hours.

Now, if instead of a cold frame you put your frame on a foot of well trodden down stable litter you would have a genial heat for the roots and this would be about the ideal treatment for the cyclamens. Do not forget the spraying of the foliage every bright morning.

Poinsettias.

There is no doubt that this showy plant, the poinsettia, now has a permanent place as a Christmas decorative plant. If you started with old dormant plants the first of May you can propagate until the end of August and those now in the sand, or put in a week later, will make the finest of plants. There is no trouble in rooting them. Cut just below a joint, shade from bright sun and water the sand copiously daily and on warm days spray as well as water. Shade and spray frequently the first few days after potting, but once they begin rooting in the soil they want the brightest and lightest bench and shifting as soon as well rooted.

The object to attain in growing the poinsettia is to produce a dwarf plant with abundant foliage and the largest possible spread of bracts. In future shiftings use a similar soil to what you would use in your rose beds and pot firmly. At no time, except with the old dormant plants, do they like to have their roots disturbed, so when shifting from a 2½-inch to a 4-inch or from a 4-inch to a 6-inch pot do not disturb the young roots or you will lose some foliage, and a poinsettia unless well supplied with its leaves is by no means a thing of beauty. Plenty of ventilation, the fullest, brightest light and firm potting will be conducive to a short-jointed, firm growth and give plenty of watering and spraying throughout the summer.

Nephrolepis.

With us there has been a greater demand than ever for the useful nephrolepis fern. Veranda boxes have been entirely filled with them and, where the aspect is shady, what could be more handsome and graceful? And even in sunny locations a liberal mixture of these ferns is desirable, for if not neglected for water they do finely in the brightest sun. So do not waste any small pieces. Put them on a bench in four inches of rich soil and they will make good plants by November. If that is not convenient, put them in 2-inch or 3-inch pots.

Although Nephrolepis exaltata, from which the Boston variety was obtained, does very well at 50 degrees during winter, it enjoys a much warmer temperature. It is a native of Central America, therefore tropical, and every advantage of our warm summer months should be taken to increase your stock or increase the size of your plants. They also like a good, strong loam. Young ferns start best in a light soil, with plenty of leaf-mold and well decayed manure, but as they make strong roots they prefer a strong loam and many ferns are found growing in almost a clay.

Mignonette.

This reminds us we have completed the cycle of another year. The time to sow mignonette for a winter's cut is near at hand. About the middle of July is the right time. A week or two later will do, but if you wish to cut early, then the middle of the month is best. In a solid bed the growth will be very strong and the foliage keep a dark green, but five inches of good soil on a raised bench will give an abundance of spikes from November to April.

A light house, where you can keep 40 degrees at night, will grow good mignonette. It is well known that mignonette transplants badly and cannot be handled as you would asters and many of our annuals. We like to sow pinches of seed on the bed one foot apart each way. When up an inch thin out to two plants and when safe from the green worm and other enemies leave only one plant; when this is three inches high pinch the top out. With us the larva of the common yellow butterfly is very troublesome and is so identically the color of the mignonette that it is difficult to detect. Hellebore dusted over the little plants will soon fix the worm.

Some may think a foot apart a good deal of space. It is not too much if you want good spikes and three good crops.

Fire Heat.

If you have been investing in young palms, or raising them from seed, they will make very slow growth through much of the weather we have had and are having this summer. You have the house shaded to keep the sun from burning the foliage and on dull, chilly days and at night it is a little colder than outside; not only cool, but there is an unhealthy dampness and a little fire heat would be of the greatest benefit. Ever so little heat in the pipes will



Cement Bench in Course of Construction at Wittbold's, Chicago.

work a great change and start a healthy circulation.

With the great majority of greenhouse men the fires are let out the middle or end of May and remain so until October. This does well enough with most of our stock, but if you want your young palms to grow fast it is anything but right and a little fuel is money well spent.

Herbaceous Plants.

You do not have time in the busy spring months to do everything and among other things that can be done now is the sowing of hardy herbaceous and biennial plants. Many are useful for cut flowers and there is also a good demand for the plants. If sown now they can be planted in frames in early September and will be a good size before hard winter sets in and in good condition to set out next spring. Among the best and most useful are Anemone Japonica, aquilegia, the hardy asters, boltonia, campanula, centaurea, coreopsis, delphinium, Dianthus barbatus, the lighter shades of the old sweet william, doronicum, digitalis, dictamnus, gypsophila, heuchera, lobelia, lychnis, oriental poppy and pyrethrum.

Many could be added to the above. I have only chosen these because they are sure bloomers the following year and perfectly hardy. Usually a stock of hardy perennials is obtained by buying small plants in early spring, and with some kinds this is the most practical way, but most of them you can raise at much less expense by sowing a little seed. Sow in flats or in the cold frame. Shade until the seeds are well up through the ground and never let the surface of the ground become parched. That is what destroys so many small seedlings, just as they are pushing through the ground.

William Scott.

THE RETAIL FLORIST.....

A LAWN DECORATION.

One of the most difficult decorations we were ever called upon to execute was that for the lawn fete at the home of J. D. Lippincott, of Philadelphia. The residence stands in grounds surrounded by tall office buildings and the season of the year was early May, in a backward season, when there was no growth in the garden, which is one of the finest in the country, Mr. Lippincott being a horticultural enthusiast and having brought together a very fine collection of trees and flowering shrubs.

It was the season for lilacs, hawthornes, magnolias, dogwood, etc., and so on the morning of the entertainment we used six wagon-loads of this kind of material, fastening the flowers to the shrubbery and trees so that only a few of the many guests realized that the bloom and foliage did not grow there. Large beds of roses were made to bloom over night by simply plunging a lot of Crimson Ramblers in beds on the lawn. The same was done with pots of hydrangeas and produced a very fine effect. One of the accompanying pictures gives the idea of the lavishness of the decoration at the scene of the May-pole dance. The other picture shows the flower booth where we arranged flowers for sale by twelve flower girls, who went among the audience with baskets of flowers supported by wide ribbons passing over their shoulders. They sold the flowers for whatever money the purchaser offered, no change being the rule, as the entertainment was for the benefit of the epileptic hospital. I saw one gentleman exchange a ten-dollar bill for a bunch of sweet peas. There were also a number of other booths similar to the flower booth, each one a rustic arbor embellished with flowers.

Since this garden party at the Lippincott mansion we have had many similar orders for work of this character and recently had an exceptionally large order for an affair of this kind at Lindhurst, John Wanamaker's country seat. Charles H. Fox.

A CEMENT BENCH.

In a recent issue of the Review a note was published with regard to the cement benches which are taking the place of the less permanent benches at the establishment of the George Wittbold Company, Chicago. The illustration on page 299 shows one of these benches in course of construction. The supports are vitrified tile set in cement foundations. For a bench of this width there are three rows of supports. In building the bench a temporary flooring of boards is laid on the top of the tiles. This is merely to hold the pipes, sides and cement in place until the cement has set, when the temporary boards are knocked away and the bench settles upon its permanent supports. The sides are made of galvanized iron and are held together by tie rods running through the half-inch iron pipe shown in the illustration. On the pipe the chicken wire is laid to strengthen the cement, which is one inch in thickness.

The pipe down the center of the bench, which is raised at one end to permit of working with the cement, is the mechanical sprinkler which has been installed in practically all the Wittbold houses. They are very well pleased with it and have made arrangements to supply a number of other growers. Another style of the sprinkler system is shown attached to the sash bars on the left side of the picture.

HERBACEOUS CALCEOLARIAS.

[A paper by John Heeremans, read before the Morris County Gardeners' and Florists' Society, at Madison, N. J., June 14.]

Herbaceous calceolarias when well grown take a foremost position among decorative flowering plants, during the months of April and May. The wonderful markings and vivid color to be seen in a collection of these flowers at once attract attention and there is no reason why they should not be much more generally grown, especially in private gardens, than is now the case.

I propose in the following few short lines to give a short outline of their cultivation that will be likely to lead to success.

First a packet of seed must be obtained from a reliable source and the latter end of July is a good time to sow it. Procure some pots or pans that are thoroughly clean, which must be well drained and filled with a light sandy soil, also seeing that the surface is quite level. Water well before sowing and, on account of the very minute size of the seeds, it is best not to cover it at all with soil, simply scattering it evenly over the surface.

When sown place the pans in a cool, shady place in the greenhouse and cover with a sheet of glass. The seed should not require watering until it is up, but if it should get anything like dry of course it must be watered and the best way to do this is to hold the



Flower Booth and Employees of C. H. Fox, at Philadelphia Lawn Fete.



Decoration for Lawn Fete, all Flowers and Foliage in Trees Being Part of the Work of C. H. Fox, Philadelphia.

pans in a pail of water and allow it to soak through from the bottom, rather than watering overhead at this stage.

As soon as possible to handle the seedlings, with a piece of pointed stick, they should be pricked off into 5-inch pots, a couple of dozen or so in a pot, using the same light sandy mixture as before and watering with a very fine rose. It is always advisable to prick off about double the number it is intended to grow, as these young plants are very liable to damp off.

This damping is, I consider, one of the greatest difficulties the cultivator has to contend with, and this is the reason I prefer to prick them off into small pots rather than boxes. You get more chances, for if a box once starts to damp it takes a lot of stopping and you are likely to lose the entire box. If the grower can keep the young seedlings just moving and healthy until the cooler nights of late September and October he will have made a good start.

When the plants are large enough and nicely rooted they should be transferred singly to the smallest size pots, still using the same light sandy soil. They must always be placed in a shady position on a moist bottom and have a fine syringing overhead several times a day in hot, bright weather. A mean temperature of from 45 to 50 degrees from now on through the winter will suit them admirably.

As soon as the small pots are well filled with roots shift to 3-inch and at this stage some well rotted cow manure in the proportion of one-fifth may be mixed with the soil to advantage. Later pottings in January and February may be to 6, 8 and 10-inch pots for the more vigorous specimens. For the final potting cow manure well rotted in the proportion of one-fourth and a good dusting of bone meal with the soil may be used.

The worst pest to which these plants are subject is green fly and they should be given no quarter. It is well to fumigate once a week or ten days, when no difficulty should be experienced in keeping them quite clean and healthy. Remember the plants should never be crowded together after potting, but always allow a good space between the pots for a circulation of air, or the lower leaves will quickly damp. When the flower spikes appear they must be neatly staked out and once commencing to flower the collection will probably last in bloom from six weeks to two months, delighting all who see them and proving a rich reward to the patient, painstaking cultivator.

THE YEARBOOK.

Of the conspicuous successes in the early flood of light reading for summer a leading place must annually be given to the Yearbook of the Department of Agriculture. It is said to enjoy a circulation of 500,000 copies.

The Yearbook for 1904 is just to hand and is a really notable volume of 776 pages. It weighs nearly five pounds, but there is nothing "heavy" in its contents, for it most thoroughly complies with the act of congress which makes its publication possible. The law says that it "shall contain such reports from the different Bureaus and Divisions, and such papers prepared by their special agents, accompanied by suitable illustrations, as shall, in the opinion of the secretary, be specially suited to interest and instruct the farmers of the country, and to include a general report of the operations of the Department for their information." It's a big order. No wonder that it costs nearly half a million dollars a year to execute it.

The present volume includes a general report of the operations of the Department and also thirty-one miscellaneous articles, nearly all illustrated and several with beautiful color plates. These articles cover quite well every phase of agricultural industry and, with the more than 100 pages of tables of crop statisties, constitute the more valuable part of the book. The papers are designed to be practical rather than technical and to deal with problems of immediate rather than remote concern. They cannot but exert a wide influence upon the agriculture of the day. For instance, Prof. Galloway's statement of the possibilities in growing crops under glass, given a half million circulation among farmers, will not fail to turn the thoughts of many toward vegetable and flower growing and, while holding out no roseate prospects, yet will in the end doubtless result in quite a number erecting more or less glass.

For the nurseryman there is an important article on "Promising New Fruits," by William A. Taylor, with a number of fine color plates, showing the Bloomfield (Bentley) and the Doctor apples, the latter being thought worthy of a place in a list of new fruits although it was first described in 1804, since which time it has been practically unknown. There are also color plates of the Rossney pear, Millennial grape, Perfection currant, Delmas persimmon and ten varieties of pecan. There is also a valuable article on new citrus creations.

The seedsman will find an interest in the report on sugar beet seed breeding and other economic plant improvement work.

The Yearbook may be had for the asking if you address your congressman or your senator. It is worth a great deal more than the trouble it takes to get it and the time it takes to read it.

EXPANSION OF PIPES.

The past winter we had some trouble with the expansion in our heating pipes. Our houses are 200 feet long and we use 1-inch pipe for heating. The expansion is so great that it throws the pipe off the hooks. Would expansion joints help us? If so, where should we place them, at the end or the middle of the runs? We use steam. T. W. C.

I do not think it necessary to use expansion joints with 1-inch pipes, even in runs as long as those you employ. If

the manifolds are made up with swing joints there should be no trouble. It would undoubtedly be more economical to cut the coils in two rather than to attempt to provide for the expansion by expansion joints in this size of pipe. If the pipes are in manifolds on the side of the house the expansion can be cared for by providing swing joints at both ends of the runs by turning the manifolds at each end of the house. Swing joints can be made by using two L's connected by a close nipple. One L should be on the main line of pipe and the other on a short length of pipe which connects the main line of pipe at right angles to a manifold built of T's and nipples of sufficient length to allow for the swing joints. The short lengths of pipe may vary in length from eighteen inches on a 100-foot run to three or four feet in length, according to convenience.

L. C. C.



ROSES

GROWING GARDEN ROSES.

After the young stock has been in the benches for ten days the weeds should be pulled out and the surface given a good stirring up to the depth of at least an inch. This cultivation is of the utmost importance to young stock and is far too often neglected or performed in a very perfunctory manner, especially by young growers. This operation should be done at least once a week, whether there are weeds on the bench or not, as it is only by persisting in stirring the surface that we can keep it in condition to be benefited by sun and air.

During the summer we have to use water so liberally that, if we do not keep cultivating, the soil will become sour and caked, thus preventing proper evaporation and retarding growth.

Tying and Disbudding.

Just as soon as possible the young stock should be supported and trained, so that each shoot may be kept in an upright position, thus preventing the eyes from breaking weak, which will cause a crop of blind wood, and facilitating syringing, which can be more effectively done when the plants are upright and rigid.

Where Beauties are concerned this tying should never be neglected, as the quick, succulent growth is very easily broken where the syringe is applied with sufficient force to dislodge red spider.

This tying and training should be done in a neat and tasty manner, each shoot tied singly, taking care not to tie so tightly that there will be no room left for the stem to swell and causing the tying material to cut into the bark. This results in unsightly protuberances forming on the stems and prevents the free flow of sap.

The benches should be gone over frequently and all buds showing color removed, taking with each bud three or more of the topmost leaves, so that only the stronger and more mature buds may be left to break and form shoots for a future crop.

Feeding Young Stock.

From the many questions put to me by the younger class of growers, there seem still to be some hazy ideas regarding the time when feeding should be applied to young stock. As a rule the ordinary soil, if properly composted and used in the manner so frequently recommended in these columns, is sufficient for the wants of the young stock till after the plants have produced at least one crop, and frequently two. This of course depends upon the size and quality of the growth they have made, but, generally speaking, it is safer to leave feeding alone until we are convinced that the plants are in want of it and the condition right, when an application will be of benefit.

There is really more damage done to young stock by too early feeding and over-doing it than there is by underfeeding and we frequently see plants not over one foot high with over two inches of the richest kind of mulch on the surface. And there they remain until sickness commences and the crops are ruined. Do not feed young stock; it does not require it.

Ribes.

RED SPIDER.

I have a house of Beauties and a house of Maids and Gates which were planted the same time. They are as good stock as I ever saw for this time of the year. I syringe them in the morning and also about five o'clock so the foliage of the plants and surface of the bed will be damp over night to keep down spider. Do you approve of it?

L. F. W.

Keeping the surface of the soil, and especially the foliage, wet over night, while it may help to keep spider in check, is rather a dangerous experiment, especially where Beauties are concerned, as this causes a softness of growth and foliage peculiarly adapting it to the ravages of fungous growth. I should advise syringing in the morning and afternoon during bright weather, using sufficient force to dislodge the spiders and break up the webs. This afternoon syringing, however, should be done early enough to allow the foliage to dry before sundown, say about three o'clock, or just when the temperature begins to fall.

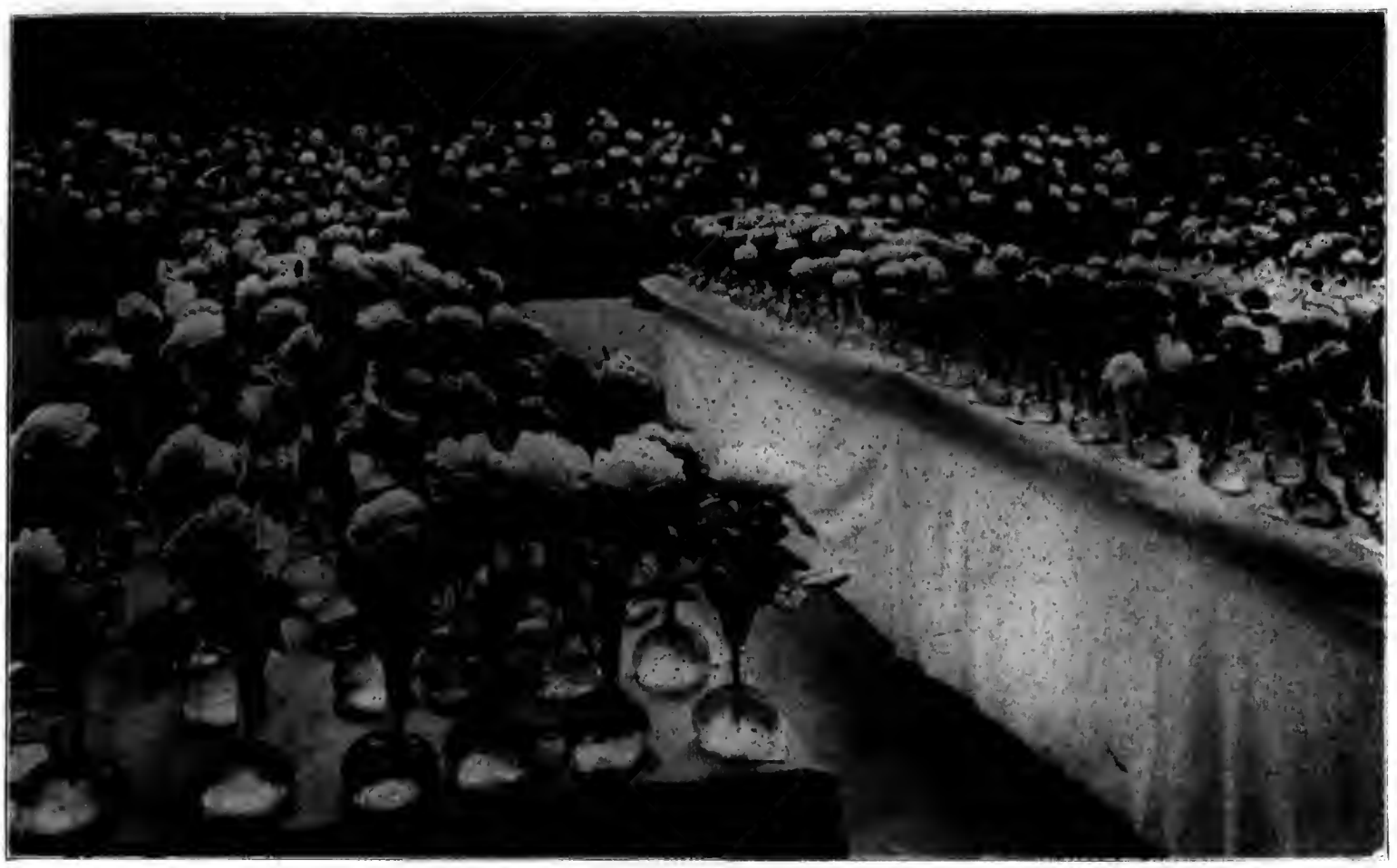
Ribes.

JUNE BUGS.

Can any reader inform me if June bug larvæ in the soil are really harmful to roses, also is there no way of killing the pest less drastic than using bisulphide of carbon? I have had my roses planted about a month and they are taking hold nicely, but on examination



Display of Outdoor Tea and Hybrid Tea Roses in over 100 Varieties by Mrs. H. E. Foote, at Boston, June 24.



A Portion of the Annual Rose Show of the Massachusetts Horticultural Society, Boston, June 24.
(Hybrid Perpetuals in the foreground; in the background some of the entries for "100 bottles arranged for effect.")

I find a lot of the bugs just hatching out, about the size of maggots. H. T.

The name "June bug" is applied to so many rose pests that with no further description it is hard to give a remedy. The common May beetle (Lachnosterna Fusca) is in some localities called June bug and as it is very destructive to rose bushes this may be the pest which is present. This insect is the parent of the white grub that is so destructive to pasture lands. The beetle feeds upon rose foliage during the night and frequently destroys the bushes by gnawing the bark just below the ground line. Spraying the infested bushes with Paris green will prevent them from doing much damage. To prevent the arsenic from burning the foliage add a piece of hot lime the size of a hickory nut to every two gallons of water.

Another insect called June bug in some localities is Macrodactylus subspinosus, which appears early in summer in vast quantities and is very destructive. This is a hard, brown insect, about half an inch in length. A very effective remedy and safe is to spray the bushes with one pound of Paris green to fifty gallons of Bordeaux mixture. RIBES.

BOSTON ROSE EXHIBITION.

The annual June exhibition of roses and strawberries at Horticultural Hall, Boston, owing to unfavorable climatic conditions, was not up to last year's standard. A week of dull, rainy weather spoiled many blooms, the light colored varieties suffering the most. Nevertheless, the exhibition, taken all in all, was better than might have been expected under the circumstances.

Miss S. B. Fay, through M. H. Walsh, was as usual, the most extensive exhibitor, staging over 1,200 blooms in about 150 varieties. In the principal class calling for twenty-four distinct named hardy roses, three blooms of each, Mr. Walsh won both first and second, W. J. Clemson, J. O. Christensen, gardener, being third. Mr. Walsh captured first for twelve named varieties, three of each; six named varieties, three of each; twenty-four varieties, one of each; twenty-four Mme. Gabriel Luizet, six Gen. Jacqueminot, six Ulrich Brunner, six any other variety and three any variety disseminated since 1902, showing in the latter class that fine white variety, Frau Karl Druschki. Mr. Walsh also won in a strong competition for 100 bottles of hardy roses, followed by Mrs. E. M. Gill, W. J. Clemson, Estate of John C. Chaffin and E. L. Lewis.

Some of the other principal exhibitors and prize-winners were A. F. Estabrook, George Barker, gardener; C. C. Converse estate, D. F. Roy, gardener; W. J. Clemson and estate of J. C. Chaffin. Dr. C. G. Weld, W. C. Rust, gardener, and Mrs. E. A. Wilkie had fine tables not for competition. F. J. Rea showed a collection of very interesting seedlings. M. H. Walsh showed a group of his new rambler, Lady Gay. This variety recently secured a gold medal at the exhibition of the Royal Horticultural Society in London. For pot culture or as a climber outdoors it is invaluable. Its delightful shade of pink appeals to everyone.

For collection of sweet williams W. Whitman, M. Sullivan, gardener, was first and second, and A. McLaren third. For forty varieties native plants Miss I. C. Shattuck and Mrs. Arthur E. Clark took first and second. E. J. Shaylor showed a fine collection of peonies, comprising many choice kinds, as did T. C. Thurlow, who would have staged a very large collection but for the persistent wet weather. George Hollis had some excellent seedlings. Three of these shown under number received honorable mention. A. F. Estabrook and Mrs. E. M. Gill also showed collections of peonies. Blue Hill Nurseries had a fine collection of hardy perennials. Displays of these came from H. A. Dreer, W. Whitman and F. J. Rea. Mrs. J. L. Gardner showed a group of beautifully bloomed Canterbury bells, showing the value of these as pot plants. A. F. Estabrook had splendid specimens of Spiraea astilboides. Tanks of aquatic flowers came from H. A. Dreer and Harvard Botanic Gardens, Robert Cameron, gardener.

One of the most interesting features of the exhibition was a stand of 100 varieties of tea and hybrid tea roses grown in the open by Mrs. H. E. Foote, of Marblehead. These seemed to attract more favorable notice than any thing else in the show. Many new and choice kinds were included and their extreme beauty and diversity of colorings were a revelation to many who thought greenhouse culture was necessary to produce such flowers. Had the exhibition taken place a few days later Mrs. Foote would have been able to stage fully 100 more varieties.

Farquhar & Co. contributed numerous palms for the decoration of the hall. The strawberry part of the show was less extensive than usual, but the berries were of fine quality. Marshall was once more easily the champion variety, Sample coming next in popularity. Among newer sorts, Golden Gate, Klondike, Victor and Cardinal were the best. Vegetables made a splendid showing. W. W. Rawson was the most successful exhibitor, his produce being unusually fine.

The next prize exhibition occurs on July 8 and 9. Hardy roses, sweet peas, herbaceous plants, Japanese iris and other flowers will have classes allotted.

CANAL WINCHESTER, O.—R. J. Tussing has a range of four houses and is putting up another 20x110 for lettuce and cucumbers.



CARNATIONS WITH ROSES.

We are short of room in our carnation houses but I can spare a bed in the rose houses. Do you know if Lawson and Stella will stand the temperature of a rose house, or do you know any other carnation that will? W. J. R.

I have seen several attempts at growing roses and carnations in the same house but never with any great degree of success. Mrs. Lawson, on account of its strong constitution and strong stems, would come nearer to standing the ordeal than any other carnation I know of. It was this variety that was tried in each case, but it would not do. As far as the temperature is concerned, there would be little trouble where it were housed with such cool growing roses as Golden Gate and Ivory. The culture required by roses to grow high grade blooms, and that required by carnations are so different in details, however, that the chances are that the one or the other would have to suffer.

A far better plan would be to divide your house with a cross section of glass and put an extra length of heating pipe in the section nearest the boiler. This would cost but little and it would enable you to give each its proper treatment.

A. F. J. Baur.

TROUBLE WITH STEM ROT.

I have a house of carnations which I planted in the middle of April and I notice from time to time quite a few dying off with stem rot. Can you tell me the reason? I was thinking of shading the house lightly, as there are so much board walks and cement walks in the house. There is plenty of head room and front and top ventilation, which I keep wide open day and night. Would you advise shading and could you please tell me a good fungicide to spray the carnations with, and how often, as a preventive to diseases? I keep the floors well dampened, syringing twice a day. The varieties of carnations I have are Enchantress, Roosevelt, Harry Fenn, Flamingo, Cardinal, Adonis, W. Lawson and Golden Beauty. All are in the same house.

L. F. W.

The first thing I would do would be to discontinue the frequent syringing. As long as there are no signs of red spider discontinue it altogether for a time. When you water, keep the water off the plants as much as possible. A good plan is to make a furrow in the center between the rows about one inch deep by two inches wide and when watering fill these furrows. Dust the surface of the soil with slaked lime and stir it into the soil. Dampen the walks about midday to moisten the atmosphere, but try to keep the atmosphere as dry at all times as the plants will stand. I would not advise you to put a speck of shading on your glass, as that would have a tendency to make it worse. The best fungicide I know of is a preparation called formaline. Dilute this to about one to 500 of water and apply with a sprayer every second day for ten days and then apply once each week. Give all the ventilation you can both day and night.

A. F. J. Baur.

PINE NEEDLES.

I note in the Review of June 8 that H. S. A. asks advice about pine needles in carnation soil. I live in a pine section, Florence, S. C., and know from experience that well decomposed pine needles make a good fertilizer. I go into the pine forests and scrape up the loose needles and get the decomposed ones, which are very fine, loose and about the color of the dead needles, mix it with heavy clay soil to open it, and also to fertilize it, and get good results with it, with palms, ferns and such plants as we set in rich soil. I also use it under strawberry and dewberry plants six and eight inches deep, to mulch them, and let it rot down and next year add more to it. I have fine plants and plenty of fruit and use no other fertilizer. I can get the decayed pine needles here as fine as meal, four inches thick, and believe it to be of great value. I also mix it in my soil in carnation benches and mulch with it and believe it to be good for that purpose.

Dewitt House.

IT IS TO LAUGH.

Out in Iowa there is "a modest, unassuming" man who made a stir in Hawkeye newspaper circles by sending some carnation blooms to the King of England, to be ten days on the road. He is John Poland, of Eldora, and, of course, he must be an expert or he wouldn't do a thing like that. According to one paper this is "how Poland works":

The survival of the fittest, a process of natural selection. This is the keynote of the Poland carnation farm. Each perfect flower that leaves the greenhouse has on its velvety petals the blood of hundreds of its sisters, ruthlessly destroyed that this one might reach the summit of exquisiteness.

This process is repeated over and over. Seed from the perfect blossom is preserved for planting the following season. This crop in turn is weeded out until as the years have gone by the unexcelled Poland variety has been produced.

Hundreds of experiments have been tried in the culture of these flowers. This array includes tests with lighting, heating, soils, fertilizers, time of planting, pruning, watering and grafting. Many of these innovations have proven valueless, others have borne fruit.

The most interesting has been in connection with grafting processes. A remarkable attempt was made to impart a rose perfume by grafting the carnation flower on a rose stem. The result has not yet been achieved, but seems to have every promise of success in the future. It is naturally a delicate operation. Blossoms have been sickly and poorly developed, but this is due to the fact that the method of joining the two stems together is yet in an experimental stage. When this is perfected, startling effects in the matter of aroma may be expected.

Interesting results have been obtained when varieties of seeds were mixed in the ground. What this natural process is no one has satisfactorily explained, but it is nevertheless a fact that white and red seeds planted together will produce a mottled variety. Sometimes the mixing is in peculiar form. A blossom may have a white center and a red rim, or vice versa. Seeds saved from these blossoms are planted a following season and often the peculiar effect is accentuated.

VIOLET GROWING.

By B. T. Galloway.

Soils.

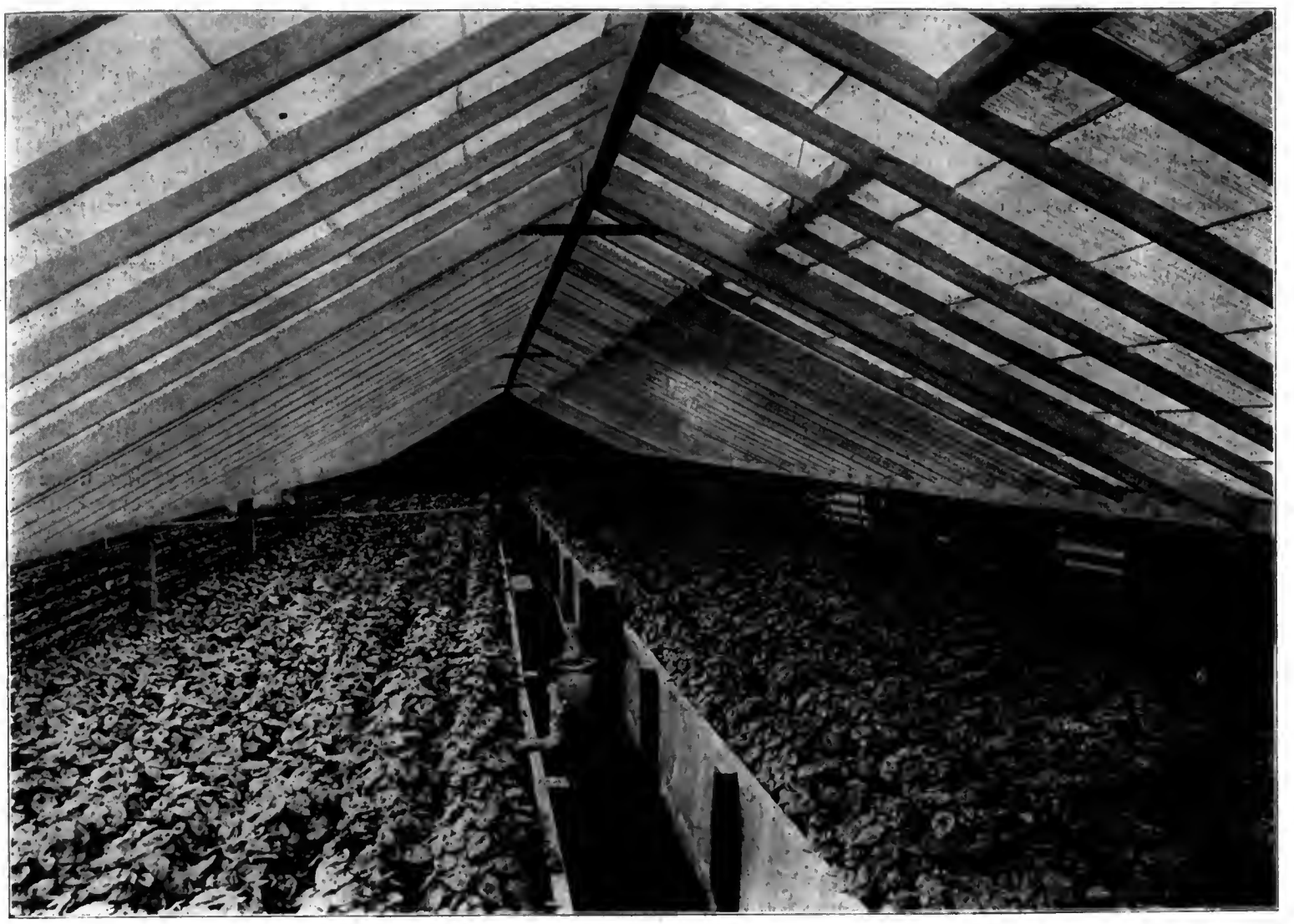
A good, sandy loam makes the best type of soil for violets. There should be plenty of turf in it. Soil for the beds should be prepared early; that is, the preparation should begin, if practicable, the autumn previous to the spring planting. If this is not practicable, get up good sod as early in spring as the ground can be worked.

We prefer to cut the turf from two to three inches thick, stacking it in heaps, and mixing at the time of stacking one part of well-rotted stable manure to three parts of the soil. A sprinkling of lime added at the same time is always advantageous. The soil may be stacked in heaps three feet high and as wide as may be convenient. After standing for two or three weeks, the stacks should be cut down and shoveled over thoroughly. If this process can be repeated before taking the soil into the beds, it will be an advantage. We never add any bone or chemical fertilizer to the soil, preferring stable manure in all cases, as there is no risk in using this kind of material.

Soil well prepared in this way will be ready to be brought in to the beds by the middle to the last of April. It is not necessary to put in more than six inches of such soil. The rest of the soil in the beds may be the ordinary material surrounding the buildings, providing there is good drainage. The soil is put in the beds slightly above the top of the boards in order to allow for settling. After filling, the rougher portions are raked off into the walk and a board with a straight-edge is moved along the top of the bed completely leveling the same. The beds are now ready for planting.

Setting the Plants.

Lay off the beds with a straight-edge, setting the rows of plants nine inches apart and the plants eight inches apart in the row. As soon as the bed has been marked off, the young plants are cut out from the flats in squares, taking care not to shake off very much of the soil, and set in with the fingers, pressing the earth firmly about each plant after setting. After cutting out the plants from the flats they should be gone over very carefully and all dead leaves removed. In other words, the plants should be thoroughly cleaned up. Plants standing close together in flats or in small pots



Violet House of the First Type, Showing Arrangements of Beds, Pipes and Ventilators.
(Jars, Bags and Strings in place for fumigating with hydrocyanic acid gas.)

are apt to have yellow leaves form upon them. These should all be taken off. Great care must be exercised not to set the plants too deep; otherwise the crown will be covered and the plant will die.

In transplanting from pots care must be taken in handling the violets. If the plants become pot-bound they are apt to remain stunted the rest of the season. If too many roots are formed it is well to crush slightly or break the ball. Our experience with potted plants has been such that they have been practically abandoned, preference being given always to the flat-grown ones, for the reason that the roots do not get compressed into such a small space and as a rule they take hold of the soil much more quickly than those grown in pots. As rapidly as the plants are put out they should be carefully watered.

Care of Plants.

After the planting there comes the necessary care of the young stock throughout the summer months. It will be noted that all of our directions apply to plants grown under glass through the entire summer. This has been found so much more satisfactory than growing them in the field that the field method is now conducted only in a very limited way. Practically in all the important sections the crop is grown entirely under glass from season to season. It sometimes occurs that it is not practicable to get the glass on new houses early in the spring. We have planted houses where the construction work has all been finished except the glazing and the piping. It is a disadvantage to work under such conditions, however, as the rains are apt to wash out the young plants. Furthermore, there is no easy method of controlling insect pests, as fumigation under such circumstances is impracticable. We therefore try to have the glass on prior to the time of setting out the plants.

During the growing season the ground must be constantly worked in order to prevent baking. Water is, of course, absolutely essential to the best growth. No specific directions can be given on this point. The main thing to be looked after is never to give the plants an opportunity to wilt. Keep the ground in good growing condition. This means about as it appears a day or two after a good rain in the open air. Judgment and experience are the only guides that can be depended on for this sort of work.

As the season advances and the plants become larger, repeated syringing with water should be made in order to keep down the red spider. This and the other insect pests and diseases will be mentioned more specfically under another heading.

It is necessary to go over the plants every week or ten days, cleaning off the dead foliage and keeping the ground thoroughly worked. The time required for this will become greater as the season advances. By the first of August, where early planting is followed, the plants will cover about half the ground and runners will be forming. All of these must be carefully cut off. The critical time in the growing of the plants comes in the long, hot days the latter part of August and the early part of September. Plants are then making a strong growth and unless carefully watched are likely to become too dry. Insect attacks and diseases are also likely to be more abundant at this season of the year.

(To be Continued.)

THE REVIEW will send the Pronouncing Dictionary on receipt of 25c.

HEATING AND TEMPERATURES.

I have a greenhouse 16x40 feet and am constructing a new one 24x70. I want to raise part roses in the small house and would like to know what other flowers I could raise to the best advantage in the same room with roses and what temperature I should keep in this room? What temperature should I keep in the new house for general stock? I have a hot water furnace. How should these rooms be piped? W. S. L.

There are many things that would do well in the rose house temperature. On the side bench bouvardia would thrive. Smilax would be all right if there is head room. Lilium longiflorum and the warmer blooded bedding plants, such as coleus and, later, caladiums and cannas would like the temperature. It is a great pity you cannot devote the entire space of this little house to roses. If you want any, you will need more than this house will produce under the best management and on account of ventilation, fumigation, syringing, etc., roses should be grown entirely by themselves.

The temperature of the larger house, which is to be devoted to general stock, which means presumably flowering plants for Christmas and Easter, to be followed by bedding plants, should be about 50 degrees at night. There is usually a warm and a cool end to every house, no matter how well heated the house may be. That is, there will be a difference of 3 or 4 degrees. No temperature will exactly suit a great variety of plants, but 50 degrees at night will grow, and flower, more of our popular plants than any temperature above or below.

Principles for Heating.

Without a plan of your houses, depth

of stoke hole, etc., it would be impossible to give directions where the heating pipes should be, so we can only give some general principles.

First, keep your heater down as low as possible. If the top of the heater is four or five feet below the heating pipes in the houses, so much the better. Money spent in excavating and draining a deep stoke hole will save you tons of coal every winter.

Second, do not use any pipes, either flow or return, less than 2-inch.

Third, put in enough pipes so that you will have no need to fire hard except in the very coldest weather, and in moderately cold spells you will be comfortable and save coal. This means a heater of surplus capacity and sufficient radiation so that the pipes do not have to be at boiling heat.

Fourth, do not let the flow pipes be higher than the plate on the side wall. Pipes put above the plants and near the roof are pure waste.

Fifth, rise with the flow and fall with the return as nearly perpendicular as possible to the level of the heating pipes in the house. In the heating pipes rise at the rate of three inches in 100 feet to the end of the house and at the highest point tap in a pet cock to let out any air, which will always be found at the highest point. Or here is another plan which is just as good and does not need watching: In place of a pet cock tap in a ½-inch pipe and let it run up a foot or so higher than your feeding cistern in the boiler shed. If you feed your heater from a large tank overhead, or from your water system, and it is constantly on, then of course for air pipes you would use the pet cock. We have one small system where the city pressure (thirty-five pounds to the square inch) is continually on the heater, with pet cocks at the highest points, and it is the most satisfactory and economical of all systems, but cast-iron heaters won't generally stand that amount of pressure.

Sixth, do not let the returns be of more than double the capacity of the flows; that is, if you had two 2-inch flows on each side of the house, then four 2-inch pipes for returns on each side is enough. Of course, if they are equal, none the worse, but you can let the returns be double the flows.

Seventh, without knowing your houses more than ground measure, we would say for a house sixteen feet wide five 2-inch pipes on each side would be sufficient. For the house twenty-four feet wide there should be nine 2-inch pipes on each side, or the equal of this. Not that the pipes need be all on the sides; the more they are distributed through the house, the better the results. Two heating pipes, no matter what size, two or three feet apart, are equal to three of the same size bunched close together. This principle in heating, either with steam or hot water, is not recognized as much as it should be.

I notice that W. S. L. asks for temperature of roses. All rose specialists agree that 55 to 58 degrees is the correct night winter temperature. One authority says 55 degrees. Another produces grand roses and many of them at 56 degrees. If you are attentive enough to keep your house at 56 degrees you will be doing splendidly and must look somewhere else for your failure.

W. S.

CANE CLIPS.

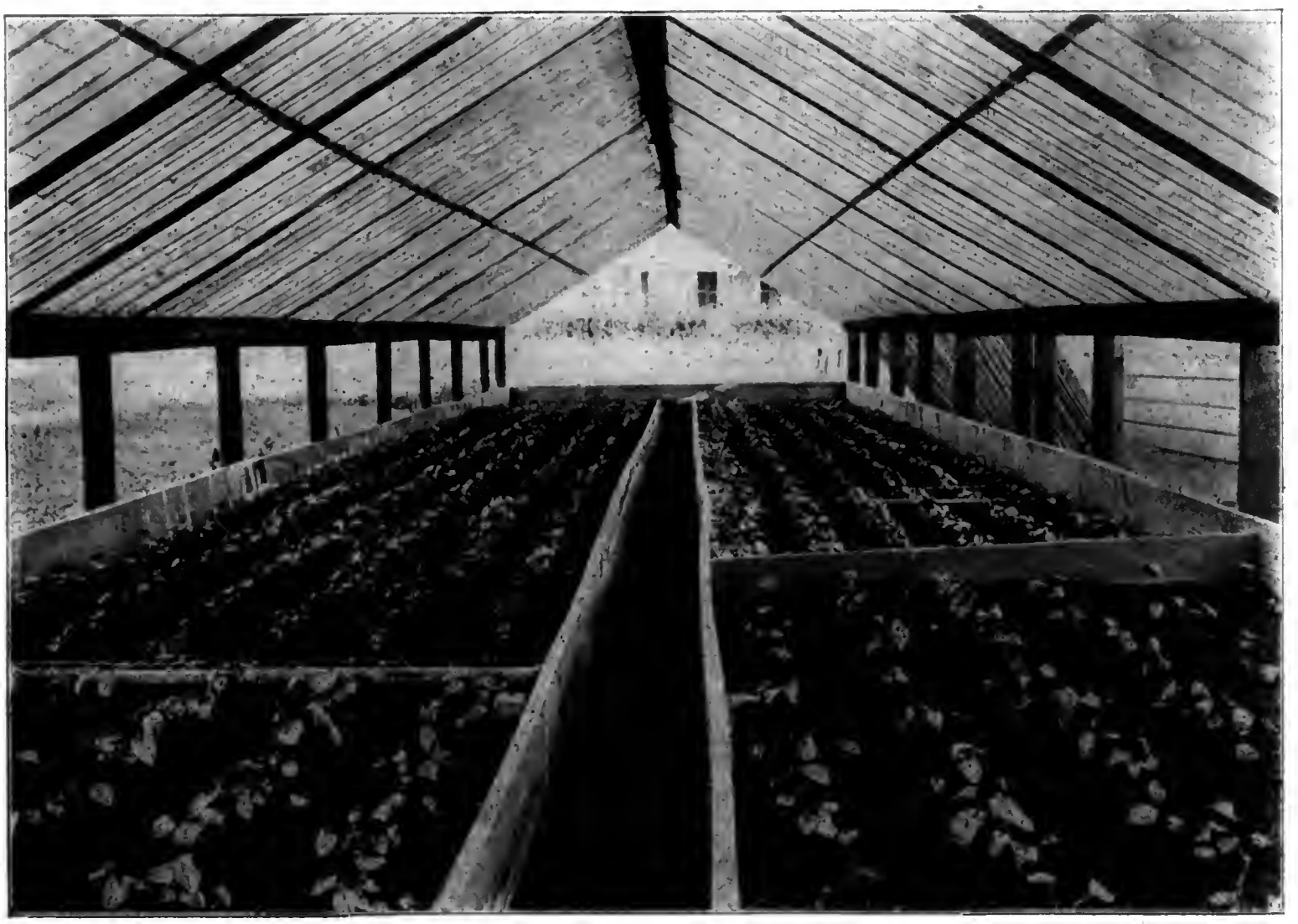
Several seasons ago Ribes in his rose notes in the Review commented on the fact that a certain wire cane clip which he described was a great improvement over twine for attaching rose stakes to the overhead wires. During the present season this clip is being put on the market by the manufacturers, B. S. Blake & Son, Rochester, and is being widely adopted by rose and chrysanthemum growers. The clips are very inexpensive, quickly attached and removed and hold the stake just where you want it.

CALLA BULBS.

Please allow me to reply to your correspondent, H. H., who writes as follows: I have a lot of calla lilies planted on benches and some in pots from last winter. Where do you think is the best place to keep the roots during summer and when is the proper time to plant them again in order to get a good crop of lilies for Christmas? Which variety do you advise as the best for big flowering lilies?

Having grown, cured and prepared calla bulbs for eastern florists I have often wondered why they do not cure their old bulbs and use them over again. I would like to have some one pursue the following instructions. I believe the old bulbs will multiply and be as good as fresh ones:

When the new bulbs arrive from California, about August 1, select one of the short, thick-crowned variety (not the long bulb with a narrow crown), with a new sprout about one and one-half inches long. Plant in a 10-inch pot, water profusely, sometimes adding ammonia. In six weeks it will bloom. Continue the forcing process until Easter; it may send forth several blooms from newly formed bulbs. When they have bloomed allow the plant to die down. When the leaves become yellow cut all the top off to one inch of the bulb. Set away in a perfectly dry place until about August, when you will notice new sprouts. Trans-



Violet House, of the Second Type, Made of Sash 3x6; Side and End Boards Not Yet Nailed On.

plant the whole without breaking into a 12-inch pot, water as before, and by Christmas, 1906, you will have six or seven blooms and by Easter, 1907, a dozen.

I never hesitate to guarantee that every bulb I cure will bloom within six weeks if the above directions are carried out, as a number of my eastern friends can testify. H. L. MUSSER.

THE GLORIOUS FOURTH.

Next Tuesday is a holiday and REVIEW contributors and advertisers will greatly aid in our work of getting out next week's issue if they will make special effort to place their "copy" in our hands on Monday.

STEAMER SAILINGS.

If you wish to post steamer sailings in your window as a means of getting orders for telegraphic transfer to New York, here they are:

June 30	Celtic	Liverpool
July 1	St. Paul	Southampton.
July 1	Caledonia	Glasgow.
July 3	Algeria	Naples.
July 4	Kaiser W. Grosse	Bremen.
July 5	Oceanic	Liverpool.
July 6	La Gascogne	Havre.
July 8	Princess Irene	Naples.
July 8	Umbria	Liverpool.
July 8	New York	Southampton.
July 8	Finland	Antwerp.
July 15	St. Louis	Southampton.
July 15	Vaderland	Antwerp.
July 22	Philadelphia	Southampton.
July 22	Kroonland	Antwerp.

CANADIAN PROGRAM.

The eighth annual convention of the Canadian Horticultural Association will be held at Montreal, August 8 to 10. The program has already been distributed. The opening session will take place at 2 p. m. on Tuesday in Natural History hall, on University street, the trade exhibit having been in place by 11 a. m. The mayor of Montreal will deliver an address of welcome, responded to by Wm. Gammage of London. President Robinson's address will be followed by routine business. In the evening essays will be read by Frederick G. Todd, Thos. McHugh and R. Burrows. On Wednesday morning J. H. Dunlop, H. Bennett and F. L. Girdwood will contribute essays. The afternoon will be spent in visiting local establishments. In the evening there will be essays by Wm. Downing and J. McKenna, followed by the election of officers. On Thursday and Friday the visitors will be shown the city, being banqueted on Thursday evening.

D. S. GRIMES.

D. S. Grimes, one of the pioneer florists and nurserymen of the west, is slowly passing away at his home, 3032 West Thirty-second avenue, Denver. He has been ill for many weeks and his family has no hopes of his recovery. He went to Colorado with the Greeley colony in 1871, from Indianola, Ia., remaining in Greeley until 1878, then removing to Denver and engaging in the nursery and florist business, which has been his occupation until he sold out to his son, W. H. Grimes, a few years ago, who still carries on the business.

From the time he came to the state until 1902 Mr. Grimes cultivated many rare plants, having made a specialty of the collection of seeds of the cone-bearing trees of the Rocky Mountains,



D. S. Grimes.

having exported the seed of the Colorado conifers since 1878 to most of the European countries. He was president of the first horticultural society organized in Colorado and also planted the first orchard in Grand Junction, which is recognized as one of the best fruit growing counties in the entire west.

The Grimes greenhouses have been located for years across from Highland park, Denver, surrounded by great shade trees on commodious grounds, and inclosed in the glass buildings is a splendid collection of plant life cultivated under most favorable conditions. Mr. Grimes has three sons and two daughters. They are W. H., G. A. and E. Grimes and Mrs. J. L. Thompson and Mrs. Charles McKernon. Mr. Grimes is 77 years of age. E. S. K.

BOSTON.

The Market.

Dull, damp weather and a heavy demand for graduation bouquets braced up the market surprisingly during the past week. Roses, carnations, valley and sweet peas were in best request. Among roses some very good hybrids are coming in. Good Jacqs made $8 to $10 per hundred on June 24, but have dropped now to half these figures. Prices at present vary from $1 to $5. Liberty was in especially good request at $10 to $15 for the best. Beauties remain about the same and there is no special change in other roses. These, generally, are selling better. Some people are throwing out their stock for replanting and the worst glut should now be over on these. Carnations are selling somewhat better, 75 cents to $1 for ordinary, best stock fetching $2 to $3. Sweet peas are also going well at 35 to 75 cents per hundred. Valley remains about the same. Peonies bring from $2 to $5. The present week will see the end of these. The heavy rains the past week spoiled many outdoor flowers, peonies especially suffering badly. Asparagus and adiantum remain about the same.

Gardeners' and Florists' Club.

As briefly stated in the last issue of the REVIEW, the club meeting of June 20 was a highly successful one. Exhibits were quite numerous and included hybrid roses of grand quality from M. H. Walsh and W. J. Clemson, a fine collection of Multiflora and other roses from the Boston park department and F. J. Rea, peonies and hybrid aquilegias from Farquhar & Co., begonias from F. E. Palmer and Iris Hispanica Blanche Fleur, Chrysolora and Louise from W. N. Craig.

In the discussion following the reading of M. H. Walsh's paper, which appeared in the last issue of the REVIEW, Mr. Sander asked whether budded or own-root stock produces best flowers. The lecturer stated the former always on outdoor roses. Some sorts would do well on own roots for a few years. Hybrid teas do well worked on the dog rose or seedling briar stocks, but not on Manetti. In England teas and hybrid teas are never budded on Manetti and we may come to the same conclusion some day. He has several hundred seedlings possessing a greater proportion of American hardy blood and hopes to be able to report as to their hardiness ere long.

Asked why he left Crimson Rambler out of his list of climbers, Mr. Walsh said the Philadelphia Rambler is of a

far better color. Crimson Rambler has reached the height of its popularity and is getting harder to sell. Its color is not good and it is getting too common. The new Baby Rambler, owing to its poor color, is not destined to remain popular long. Marchioness of Londonderry was left out of his list as he considered it a second rate sort, shy bloomer, not a good color and it won't stand feeding. He sees no reason why roses should die out in two or three years, with proper stock to start with and the right care. He has hybrid perpetuals which have been growing for twenty to twenty-eight years, as good as ever, and hybrid teas which have stood twelve to fifteen years. Hardy roses need a good root pruning once in seven or eight years. Hybridization is best carried out under glass, as the plants are more under control. He hopes he may have said something which will enable some to grow two roses where only one grew before.

W. J. Stewart spoke on the coming Washington convention and urged all who possibly can to attend. W. H. Elliott hopes the club will send a large delegation to what he believes will be the banner convention. Duncan Finlayson spoke enthusiastically of Washington and its beauties. He considers it one of the finest cities in the world.

The nine new members elected give the club the largest membership in its history, and already some treats are being planned for the early fall meetings. Frank B. Cannell's solos were well rendered and merit the plaudits given.

Indications are that a large number of members will join in the field day at William Sim's establishment on July 1. Arrangements for the annual picnic at Randolph Grove on July 25 are well under way. A committee consisting of J. W. Duncan, Duncan Finlayson, F. E. Palmer and W. A. Riggs has charge of the sports and other attractions which are being planned.

Various Notes.

J. W. Duncan is away on a well-earned vacation. W. K. Wood takes his place as Exchange correspondent during his absence.

President Montgomery, of the Rose Society, is enthusiastic over Theodore Wirth's rose garden at Elizabeth park, Hartford, Conn. It was a revelation to him of what can be done outdoors with roses, the quality of the blooms being superb. J. F. Huss's beautiful estate at Goodwin Castle also came in for great praise.

Mrs. H. E. Foote, of Marblehead, an enthusiastic amateur rose grower, whose exhibits of teas and hybrid teas at the Boston shows have attracted much attention the past two seasons, had a special exhibition of cut blooms at her home on June 26 to 28, which was largely attended. Mrs. Foote grows 500 varieties of roses, of which over one-half are teas or hybrid teas, including all the newest and best sorts from Paul, Cant, Dickson and other hybridists. Her success with this latter class is inducing many others to devote more attention to them.

The garden committee of the Horticultural Society visited the peony garden of Dr. R. F. Jackson, Cambridge, on June 22. About 125 varieties are grown, including eighteen of Richardson's seedlings. Other hardy plants were very interesting in this attractive city garden.

Peony specialists are already making plans for a big show when the society visits Boston next year. The exhibition is destined to eclipse anything seen in America.

An account of the annual rose show of the Massachusetts Horticultural Society will be found on another page in this issue. W. N. Craig.

ST. LOUIS.

The Market.

Trade conditions are no better this week and prospects from now on are not very flattering to the trade in general. We have had some good rains and cooler weather prevails, which should make stock of better quality. As it is, stock at the wholesale houses has been very unsatisfactory as to quality.

Much replanting is going on among the growers at present, which should shorten up stock considerably from now on. Carnations are selling well, but blooms are very small and off color. Enchantress is about the best in size. White is selling better than colors.

Roses are not of good quality. Brides and Maids are very poor and not overplentiful. Plenty of Liberty and short Beauties are to be had. Long Beauties are scarce. Sweet peas are shortening up considerably, the dry weather having caused the slump and the poor stock. Auratum lilies, daisies, gladioli, candytuft and cornflowers are the other flowers that go to make up the daily supply at the wholesale houses.

Various Notes.

Last week Tuesday a party of 200 horticulturists met in St. Louis on their way to the Texas fruit growers' meeting at Tyler. The party left on Wednesday on a special train. Among the party were representatives of the national and many state agricultural departments. There were also the editors of twenty-three horticultural publications.

Henry Lohrenz, who claims he has two birthdays in the year, celebrated his June birthday by entertaining a few of his many friends at the bowling alleys on Friday night. Those present were C. A. Kuehn, Carl Beyer, A. Y. Ellison, Fred Meinhardt, Rude Windt, William Adels and J. J. Beneke.

Frank M. Ellis spent a few days of the past week fishing on the Gasconade river with a party of friends. Some of the trade expected a mess of fish, but Frank reports that all he caught was a cold.

Ed. Buechel, manager of the Riessen Floral Company, left on Saturday morning for Indianapolis with the St. Louis Turners, who hold their annual meeting there this week.

The next meeting of the Florists' Club will be a most important one for the members, and it is hoped that they will come out in full force. One of the most important parts is the nomination for offices for next year. The new by-laws provide that there must be at least three or more nominations for each office. This meeting will take place at 2 o'clock July 13, in Odd Fellows' building.

Fred H. Weber, on Boyle avenue, reports a good trade during the school closings the past two weeks.

Bowling.

The bowlers had a cool night Monday, seven being present, and made the following scores:

Player.	1st	2d	3d	4th	5th	6th	T'l
Kuehn	173	146	136	189	207	180	1031
Beneke	184	154	140	152	138	152	920
R. Meinhardt	166	153	122	134	169	169	913
Gerlach	184	119	118	165	123	117	826
Lohrenz	133	100	132	123	150	...	638
F. Meinhardt	141	153	143	130	...	...	567
Ellis	105	...	...	...	...	...	105

J. J. B.

BUFFALO.

State of Trade.

Last week was sultry and a week of good business. The youth of both sexes, who will be the solid men of business and stately matrons of the future, graduated by the hundreds from our high schools and a younger class emerged from the grammar schools. The call for bouquets was never greater and has kept all hands busy for many days. That hot week told on the roses and carnations, which up to about June 20 were as good in quality as in midwinter.

The Shriners of the country met at the Falls last week and many wandered to Buffalo and made the town gay with their oriental savagery and garb. The chief object of the convention seems to have been to have a good time.

Various Notes.

Mr. Smith, a florist of Denver, who called today, says that it was altogether too hot and moist for him at Niagara and he left his crowd and spent the remainder of the week at Toronto. Mrs. Boldt, of Denver, wife of Ben Boldt, who left Buffalo five years ago and has become famous in the western city as a most successful grower of whatever he takes hold of, was also in town.

We are glad to see anyone from Denver and expect a large delegation with the Elks. Arches spanning our principal streets and reviewing stands are already going up and the whole city will be covered with flags and bunting. They must be a desperate lot. Although the decorations will be on an immense scale it will not be much in our line and and what flowers are needed should be white or pale in color, for these wild animals say they will paint the town a bright vermilion.

We hear that bowling will be a feature of the social part of the Washington convention. Buffalo dropped out last year, but will come in again at the national capital. George McClure, who would rather bowl than attend his kirk, although he's Scotch, is drilling a small crowd of aspirants and we are likely to have a good team not afraid of the "Quakers" or the "Windies." Excuse me, George! W. S.

Rutherford, N. J.—Referring to the note in last week's Review, Thomas Knight says that the Julius Roehrs Co. last season forced a few of the new azalea named for the head of the company and found it a splendid addition to the list. They expect to grow it largely this year. The flowers are scarlet-maroon and very large.

We esteem the Review very highly for its Seed Trade News.—Binghamton Seed Co., Binghamton, N. Y.

"GREEN GOODS"

Headquarters for SMILAX and ASPARAGUS

We have inexhaustible supplies of all "Greens." Extra fancy long, heavy strings of Asparagus, fine long Smilax and plenty of it, also Sprengeri, Adiantum and Ferns.

CUT FLOWERS

We have supplies of all Seasonable Cut Flowers to fill every need. Specially strong on **Peonies, Beauties** and **Sweet Peas,** the most popular flowers of the season. Let us have your order.

We close a 5 p. m. during July and August.

E. C. AMLING,

Long Distance Telephones: 1978 and 1977 Central. 7846 Automatic.

	Per doz.
AMERICAN BEAUTY,	
30-36-inch stem	$3.00 to $4.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$3.00 to $ 6.00
Chatenay	3.00 to 6.00
Kaiserin, Golden Gate	4.00 to 8.00
Liberty	4.00 to 10.00
Carnations	1.50 to 2.00
" large and fancy	3.00
Peonies, per doz., 50c to 75c	4.00 to 6.00
Valley	2.00 to 4.00
Auratums, per doz., $1.50	
Easter Lilies, per doz., 1.50	10.00
Sweet Peas	.25 to .50
Feverfew, per bunch, 25c to 35c	
Marguerites	.75
Shasta Daisies	1.00 to 1.50
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Galax, per 1000, $1.25	.15
Adiantum	.75
Smilax, per doz., $1.50	10.00

FERNS

The new crop of Fancy Ferns direct from the Berkshire Hills; the best Massachusetts stock. $1.50 per 1000; 20c per 100.

Ask for special quotations on 1000 lots Roses and Carnations.

Subject to change without notice.

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-34-36 Randolph St., CHICAGO, ILL.

CHICAGO.

The Market.

The past week has been one of the best of the June season in spite of the fact that school exercises are about at an end and this feature of the demand has been rapidly dwindling away. Shipping trade has been very good, most of the material being evidently either for wedding decorations or funeral work. Local trade, which has not been especially good this spring with most of the retailers, has taken a spurt in the last few days, largely because of a rise in the death rate. Funeral work has been and is in very brisk demand, but weddings are also numerous.

Since last report receipts have diminished to a considerable extent. This is particularly noticeable of carnations, which are by no means as plentiful as they were a week ago, and the result is that averages to the growers are much improved in spite of the fact that quality is no longer what can be called good. It begins to look as though carnations would realize pretty fair values, quality considered, from now until outdoor carnations and asters begin to affect the market.

There is a diminishing cut from old Beauties and an increasing cut from young stock. In neither is the color first-class, but the young stuff in general is much better than the old. Good Brides and Maids are very hard to find and command good summer prices. The low grade material has also shortened up, but still serves to pull down the average, as it is not wanted. A few Kaiserins continue to make good prices. Liberty is plentiful and so is Chatenay, but both are small.

Calla lilies are gone and there are fewer Harrisii than at any time in six months. Auratums are just beginning but candidums are coming in heavily this week, selling only moderately well. Indoor sweet peas are at an end, but the market is glutted with the outdoor stock, principally Blanche Ferry of only medium quality. Naturally prices are low. There are all kinds of seasonable outdoor flowers in quantity, especially Shasta daisies. Peonies are still abundant and will continue so to the end of the season. In fact, it is predicted that the market will have plentiful supplies to the middle of July and only moderate prices are being received, except for some special fancy stock. "Green goods" have been in good demand, but are very abundant and reports from the growers indicate that July will see the market badly glutted with this specialty.

Practically all the wholesale houses will close at 5 p. m. during July and August.

Exuent the Meteor.

The Meteor rose has almost disappeared from this market. One by one the growers have been dropping it until not one of them has planted it in quantity for next season. J. A. Budlong was for years very successful with Meteor and had quite a lot of it last year, but will not grow it again. Wietor Bros. have a few Meteor, but cut it down every year. The larger growers plant Liberty and the smaller ones have dropped red altogether. Richmond has been very largely planted here, considering its price, for one-third the sales of this novelty, or about 50,000 plants, are growing for the Chicago market, and doing nicely. Nearly all the growers have dropped Perle, and Ivory is no longer grown. On the other hand, Chatenay has been planted in increased quantity.

Various Notes.

In the absence of the president Ed Kanst presided at last week's club meeting. The principal business was the appointment of a committee to arrange for a special meeting to try to arouse convention enthusiasm. It will take place at 7:30 tomorrow evening at the Bismarck.

Miss Pearl Fulmer, of Des Moines, is in town for a month's vocal study.

Theodore Wirth, of Hartford, Conn., was a visitor last week en route to Minneapolis and again on Monday, when he was joined by R. H. Warder in going to Buffalo to the park superintendents' convention.

The E. F. Winterson Co. has been handling some nice cut sprays of Crimson Rambler. The retailers found them a pleasing novelty.

A. L. Randall and family have gone to their farm on the St. Joe river in Michigan and will be seen no more until the peaches are harvested.

N. J. Wietor, Adam Zender, John and Henry Muno have returned from a week's fishing in Wisconsin high waters.

There is quite a surplus of bedding stock this year.

The George Wittbold Co. is clearing away one of the greenhouses at its Buckingham place store to make room for a new office building 20x32. They have received sample plants of Ne-

During July and August

the best stock will be the cheapest stock to buy. We can give it to you in Roses, Carnations, Lilies, etc. Extra care in selecting and packing has made our summer business large.

CANDIDUM LILIES

now on hand, put up 50 in a bunch, at $1.00 per bunch. No cheaper flower in the market for funeral work.

Our store closes at 5 p. m. during July and August.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

phrolepsis Barrowsii and think highly of it. The new watering system has been installed in all the houses here.

The express drivers' strike is an old story now but John Muno still laughs when he thinks how he brought his stock in to Hunt's in a cab the first morning of the trouble.

O. P. Bassett has been automobiling in Wisconsin.

A. Lange and family left on Sunday for New York and sailed Tuesday for Germany.

Andrew McAdams was in the market one day this week. He has not been strong since his illness in the autumn, but is attending to business as usual.

John Degnan, of the E. F. Winterson Co., was at Grand Rapids for a few days.

Bassett & Washburn report good business from Indianapolis and orders from Cleveland especially heavy the past week.

Albert Amling has decided to drop Bride and Maid and devote the space to Kaiserin for summer bloom. His records show that he has received the most money per square foot from his houses of Kaiserin, besides saving considerable coal by letting them rest in winter.

One of the week's visitors was Mrs. C. W. Pike, who has again engaged in business at Racine.

In Sunday night's storm Matt Neidermeyer, out Evanston way, put out into the lake in a boat to rescue two young women who were unable to make the shore. The gardener found himself in the same predicament, but all three were brought in by the Evanston life saving crew.

The market on glass is stiff, a number of the greenhouse sizes being in short supply. Manufacturing has practically ceased for the summer and an advance is predicted.

One of the week's visitors was W. H. Carney, manager for J. B. Murdoch & Co., Pittsburg.

J. H. Shelton, Rochester, Ind., has been in town this week.

NEW YORK.

The Market.

Saturday's business was quite encouraging from the summer standpoint. The demand was universal and swept the wholesale market clean. Prices remained stationary, however, summer values being now established. The supply of southern gladioli proved too extensive for the outlet and the flood backed up and overflowed into the refuse reservoir. Shipments were materially lessened, with the consequent result of higher prices, so the 50 cents per hundred basis no longer holds.

Peonies have about vanished and prices for any good stock reaching the market are fair. The cut of outdoor flowers is tremendous. Almost every wholesale house has an abundance of Crimson Ramblers and the innovation is generally popular. Dorothy Perkins in small quantities also reaches the market and in another year will be quite as much called for and grown. These rambler roses are especially beautiful now around every suburban home and their popularity exceeds that of any novelty among the outdoor decorative climbers.

Lilies are abundant, auratum and candidum especially. Valley holds firm and will while the wedding bells ring and the sweet girl graduates elocute. This week will see the end of these special festivities, but the steamer recognitions and the funerals we have always with us. Orchids hold their values and better stock of Cattleya gigas than now in the market we have never seen. Large quantities are shipped daily to other cities and New York is and will be orchid headquarters for a generation.

Carnations were for a wonder scarce on Saturday. Many of the roses arriving are badly mildewed, but even this failed to lift the best Bride and Maid stock above the summer rate. Top at any time was $5 per hundred and this only for the choicest. It is the same old story every year at this time, but we forget. On Monday receipts were light and demand good.

Here is another dollar. We cannot get along without

THE WEEKLY FLORISTS' REVIEW

It publishes just what we want to know, and **does not** take up space with windy "scraps" or sarcastic flings at other publications, betraying envy, malice and all uncharitableness, more particularly the first.

F. E. CASE.

Plymouth, O., June 12.

Various Notes.

Elliott's final auction sale in the old place drew a large crowd of buyers on Tuesday and the "farewell" was full of reminiscences for those of us who have caught the eagle eye of the auctioneer in other days, when the venerable Wm. Elliott presided. The new store on Fulton street, with its five floors and modern conveniences, will give the house a permanent home. Two entire floors will be devoted to the auction department when the fall season opens in September. At Tuesday's sale stock from Chas. Zeller's Son, Louis Schmutz, A. F. Schrader, Siebrecht & Son, Frank Manker, John Tschupp & Co., John Nicol, Holliday & Smith and others was sold.

The Joosten Plant, Bulb and Seed Co. has established offices at 202 West street. Its officers are E. Shaepke, president; W. A. Prosser, vice-president, and G. A. Joosten, secretary and treasurer. The secretary is a nephew of the late C. H. Joosten. Mr. Shaepke and Mr. Prosser have each represented some of the leading nursery, bulb and seed firms of the country and are well known.

Arthur T. Boddington reports great activity at present in shipments of cold storage longiflorums.

M. A. Donohue had charge last week of the Millard F. Smith wedding at Ticonderoga, Lake George. Pink and white peonies were used profusely and the bride's and maids' bouquets were lily of the valley, gardenias and Enchantress. Mr. Donohue was best man at the wedding here on Saturday in the "Little Church Around the Corner," of Fred Rowe, of Joliet, brother of Harry Rowe, of Chicago. The bride was Miss Trempler, of England, who arrived on the Campania at 9 a. m. and was speeding on her honeymoon trip south a happy bride at two o'clock. This is a very rapid city since the subway opened.

Tuesday, A. Lange and Mrs. Lange, of Chicago, sailed on the Kronz Prinz for a three months' holiday in Europe. Geo. T. Schuneman, of Baldwin, L. I., was on the same boat.

Miss Lizzie Mills, of Suzuki & Iida,

PEONIES 50c to 75c per doz.

Best stock in the market and supplies to fill all orders until after the Fourth of July. Send us your order and you'll be pleased.

All Cut Flowers in Season

Send to us for all your needs. We have a reputation for filling orders when others fail.

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE FLORISTS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

	Per doz.
AMERICAN BEAUTIES	
Long	$4.00 to $5.00
Fair Length	2.50 to 3.00
Medium	1.50 to 2.00
Short	.75 to 1.00
	Per 100
Brides	$3.00 to $7.00
Bridesmaids	3.00 to 7.00
Liberty	4.00 to 10.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Perles, select	3.00 to 6.00
Roses, our selection	2.00 to 3.00
CARNATIONS	Per 100
Special fancy varieties	$2.00 to $2.50
Good average	1.00 to 1.50
Harrisii	per doz., $1.50
Auratum Lilies	per doz., 1.50
Candidum Lilies	4.00
" " stalks	15.00
Valley, our specialty, best	4.00
Daisies	.60 to 1.00
Sweet Peas	.50 to .75
Smilax	15.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus	per string, 30c to 50c
Common Ferns	1000, $1.50 .25

Subject to change without notice.

Packing and Delivery at cost.

Mention The Review when you write.

sailed June 22 on the Deutschland for a two months' pleasure trip. The exodus to the old country is large this summer.

The water lilies are already arriving in floods. Geo. Cotsonas & Co. handled several thousands of them on Saturday. The famous lily pond in Connecticut is the source of supply for N. Lecakes & Co.

S. Masur, of 238 Fulton street, Brooklyn, has the sympathy of his friends in the serious illness of his wife and the loss of his baby boy. Mr. Masur has been very busy lately with graduation work and contemplates doubling the capacity of his store this fall. His headquarters are on the heights near Beecher's church.

Fine stock of Victory reaches the New York market daily. There is a great future for this carnation and Guttman & Weber are making ample preparations for the anticipated demand next season.

One of Young & Nugent's force, A. Henshaw, was married this week to Miss M. Brown, of Brooklyn. Their wedding trip will be to Europe, where they will meet the veteran, Samuel Henshaw, of Staten Island, who is spending the summer in Europe.

Another wedding of interest to the trade took place at Walter Sheridan's summer home at Sea Gate, N. Y., where his niece was married on Wednesday. The outing lost a regular attendant thereby, as Mr. Sheridan and his family were thus unable to attend.

The early closing movement is now almost universal. Wholesale houses find little excuse for keeping open after 4 p. m. Many close before.

The annual housecleaning has begun. Some elaborate changes are promised before October. The retailers all close early and employes show marked appreciation.

Mr. Trumpore, of Small & Sons, who made such a fine record in the mile race of last year's outing, has for some weeks been laid on the shelf with rheumatism.

Carl Bernhard, head bookkeeper of the Lucas & Boddington Co., left June 14 for Germany on the steamer Rhinedam for a six weeks' visit and Herbert Greensmith, nursery superintendent of the same company's Sparkill nurseries will sail July 5 via steamer Oceanic for England and the continent on a business and pleasure trip.

The Outing.

All fears as to the great success of the outing of the Florists' Club vanished Wednesday morning. The long spell of storms and rainy weather was shelved for the occasion. A more perfect day could not have been selected, and the attendance was entirely satisfactory. The sail up the sound and through Hempstead bay lasted two and one-half hours, an ideal trip, about twice the distance to the resort of other years. Glenwood, selected by the committee in preference to any summer outing place near New York, proved to be all that was claimed for it and every facility for comfort, enjoyment, rest and sport gave general satisfaction. Full particulars, with prize-winners and other matters of interest, will appear in next week's issue.

J. AUSTIN SHAW.

PHILADELPHIA.

The Market.

Business, which has been fair, is falling off, with prospects of continued decline until the glorious Fourth, the florists' holiday. Receipts of most varieties of flowers are lighter, sweet peas being the exception. Lilium candidum, useful for design work, is coming into the market in larger quantities. Japanese iris is also more plentiful. Double white petunias will be a staple until frost. Southern asparagus is showing the effects of the heat.

A Farm Scene.

A window display of more than ordinary interest may be seen at the Century Flower Shop. The entire window is filled by a real farm scene in miniature. A farm house, windmill worked by water power in full operation, a barn, stable, pigpen full of pigs, a pump, a rustic bridge and, best of all, a pond in the center full of ducklings alive and very active. Every detail from the dwarf Japanese maples to the rockery has been worked out with skill and accuracy. The window is crowded all day by appreciative passersby.

Various Notes.

The Florists' Club meeting will be held on the second Tuesday in July, not on the glorious Fourth.

Emil Gerschick, acting for himself and for a partner, has purchased the Enterprise Greenhouses and store, Main and Johnson streets, Germantown, from Mrs. David Cliffe. This place was started about twenty-five years ago by the late David Cliffe and operated at different times by him and by each of his three sons. The sons being otherwise occupied Mrs. Cliffe has carried on the business since the death of her husband.

Henry Lewis, formerly with Samuel J. Bunting, has leased the La Roche place at Collingdale.

The suspension of payments by the City Trust Co. has been a blow to many of our florists. It falls hard on Oscar Young, who had deposited with this company the funds intended for rebuilding his place at Twenty-first street and Passyunk avenue.

J. Frank Blakeborough is erecting a store adjoining his greenhouses at Clayton, N. J.

Myers & Samtman have solved the problem of Beauty growing by cutting from their young stock before ceasing to cut from the old plants.

John Burton is sending in nice Liberty to the Flower Market.

The estate of the late Mark Reeves is badly tangled. The assets appear to be only a little over one-third the liabilities. The creditors, who met on Monday, hope to have the Leo Niessen Co. and Fred Ehret appointed administrators.

William Stevens, the popular representative of John Burton, now hustles in the greenhouses instead of in the city. He is greatly missed by his constituents, as well as by his associates at the Flower Market, who look eagerly forward to the fall, when his cheery ways will again brighten their daily work.

G. C. Watson is arranging a game of baseball for July 11, retailers vs. wholesalers.

Hugh Graham is rejuvenating his place at Logan. He has had an exceptionally good June, steamer trade being notably heavy.

M. Rice & Co. have a tastefully filled

row of cork and birch bark window boxes in front of their new store. Boston ferns, ivies, begonias, livistonas and tradescantias are effectively grouped, an object lesson for other business houses.

D. T. Conner, of Lord & Burnham Co., is off on his vacation. First he goes to Baltimore on a business trip, thence to Minersville, Pa., on a ditto ditto. A Pittsburg glass magnate is not in it with D. T. Conner.

W. J. Sherry, of Johnson & Stokes, reports an exceptionally good season in both vegetable and flower seeds.

It is said that Berger Bros. are seriously considering ejecting their eleemosynary tenants, even though they be from la belle France.

Now that G. C. Watson has publicly absolved S. S. Pennock from being a loafer others may hope.

F. J. Michell reports a good early demand for fall bulbs.

Hope you will have a great Fourth. Don't do anything rash. PHIL.

AUBURN, R. I.—J. A. Budlong & Son Co. has built a new house 50x500 feet and planted it to Bridesmaid.

SOMERVILLE, N. J.—Ernest F. Hoehl has closed out his business here and is temporarily at Cetronia, Pa., while looking for a new location.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—A plant of three greenhouses, 18x100; two greenhouses 10x100; one greenhouse, 12x90; and office 12x16; two houses only two years old; all glazed with 16x24 glass; paved street from greenhouse to Buffalo; price, $2750.00, $1000.00 cash, balance to suit purchaser; land alone cost us $2500.00. John Pult Estate, North Tonawanda, N. Y.

WANTED—A grower of carnations, mums, and general stock, capable of taking charge; state reference, experience and salary expected. Address John Dieckmann & Co., Wheeling, W. Va.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—Two No. 55 Hitchings sectional tubular heaters; capacity, 2,000 feet 4-in. pipe; used 3 years; A1 condition. A. R. Paine, Baldwinsville, Mass.

FOR SALE—A 9-room dwelling, 3 greenhouses with cold frames, in a university town of 6000; greenhouses well stocked; good trade; a death the cause of sale. For particulars, address L. G. Rollston, Fayetteville, Ark.

FOR SALE—On account of bad health I wish to dispose of my greenhouses and florist plant; 21 acres of fine land in the suburbs of Memphis, Tenn.; three houses on place, one nine-room; greenhouse 200x40; all necessary outbuildings, with large barn; three large hotbeds with sash, and smaller ones; doing a good business; will sell, lease or rent, or will give a good man with a small capital one-half interest in the business if he is an up-to-date man and understands the florist and gardening business, but must be A1 man in every respect, with good recommendations. J. Pierce, P. O. Box 154, Memphis, Tenn.

WANTED—At once, first-class grower and propagator of roses, carnations, bedding plants and general stock; 5000 feet of glass; must be strictly sober and reliable, with good references; steady situation and good pay to right person; state wages and send copy of references at once. Mrs. M. E. G. Ventres, Port Allegany, Pa.

WANTED—Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. Kellogg, Pleasant Hill, Mo.

SITUATION WANTED—By florist with 20 years' experience; good grower, maker-up; can also attend to books and correspondence, etc.; strictly sober, industrious and obliging; please mention wages; place south of New York preferred, though others considered. Address No. **53**, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—By July 1, by a first-class grower of roses, carnations, violets, etc.; used to store work and retail trade, designing, etc.; 14 years' experience; first-class reference; a hustler; medium-size place preferred. Address No. **54**, care Florists' Review, Chicago.

SITUATION WANTED—By an A1 grower of roses, carnations, mums and general stock; 14 years' experience; can furnish best of references; married. Address No. 55, care Florists' Review, Chicago.

SITUATION WANTED—A1 grower wishes to take charge of commercial or private place in Illinois, Indiana, Ohio or Pennsylvania; have a thorough knowledge in greenhouse and store work. Address P. O. Box 555, Abingdon, Va.

FOR SALE—Greenhouse and land; a good opportunity for anyone wanting about 5000 feet glass: convenient; well located; city water. For particulars address Box 842, Marion, Iowa.

WANTED—At once, a first-class decorator and designer; steady place; state wages and reference; also one man to grow general stock. W. H. Humfeld Floral Co., Kansas City, Mo.

WANTED—Young man desiring to get acquainted with greenhouse work. Otto Bourdy, Lowell, Mass.

WANTED—First-class man who can grow A1 roses and carnations; $65.00 per month to start; must furnish satisfactory reference. Address No. **51**, care Florists' Review, Chicago.

FOR SALE—Two cast-iron Royal hot water heaters, six and nine sections; they will supply 2400 and 4560 square feet of direct radiation; a bargain, at $150 and $225 respectively. Walter S. Hall, Osage, Iowa.

FOR SALE—Retail flower store in suburb of Chicago; small investment required and good profit certain for active young man or woman with a little experience in catering to first-class trade. Address No. **50**, care Florists' Review, Chicago.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

WANTED—Foreman for large nursery; must be first-class propagator, and competent to handle workmen; reference required; steady place to the right man. Address No. **48**, care Florists' Review, Chicago.

WANTED—A good carnation grower with $300, to take charge of 10,000 carnations; will give half interest in the business; carnations to be used on the Chicago market. Address No. **52**, care Florists' Review, Chicago.

FOR SALE—Cucumber forcing houses; fine property; dwelling; waterworks; all complete. Address No. **44**, care Florists' Review, Chicago.

WANTED—To correspond with an up-to-date saleswoman and designer in regard to taking position. Address Lidgerwood Greenhouse, 122 Post street. Spokane, Wash.

WANTED—A good grower of roses and carnations; to right man I have a good position; house for married man; give experience and wages wanted. Address Joe Tosini, Sioux Falls, South Dakota.

WANTED—Single man with practical experience in bedding and blooming plants; give reference, age and wages without board in first letter. Fuhlbruegge Bros., Winona, Minn.

FOR RENT—Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47**, care Florists' Review, Chicago.

WANTED—Good grower of roses and carnations in two small greenhouses, 14x45; must be sober, honest, industrious and single; wages, $20.00 a month with room and board; references required. Address Mrs. C. P. Worthy, 515 N. Main St., Paris, Texas.

WANTED—A good grower who can help in either roses or carnations; we have a good opening for an energetic, sober man; ability will be promptly recognized and rewarded; give experience and references. Address No. **45**, care Florists' Review, Chicago.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants, sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

WANTED—Good all around florist; single. Biondeel, Oak Park, Ill.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

WANTED—Rose grower; single man; state wages wanted and how much experience you have. Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia P. O., Pa.

FOR SALE Fourteen thousand feet of glass; water heat; commercial business with considerable local sales; large brick residence. Address **Flora T. Howell, Lock Box 14, Pine Bush, Orange Co., N. Y.**

Help Wanted

A steady, sober man, married preferred, as rose propagator. A steady position to the right man. Position can be had at once. Address

NANZ & NEUNER, Louisville, Ky.

FOR SALE Floral plant, near Minnehaha, containing five acres of land, platted into thirty lots; about 1200 feet frontage on two streets; 19 greenhouses with plants, flowers, etc.; two heating plants, five-room house, barn and other buildings, costing the owner upwards of $16,000; will sell at the very low price of $6,000, including one horse, one wagon, one cart and a quantity of loose four-inch iron pipe; a great opportunity for money-making; reasons for selling, old age. Apply to **GEORGE H. MILLER, 330 Lumber Exchange, Minneapolis, Minn.**

GLASS

New double B, hand-made tank glass, boxes never opened; shipped from New York, Chicago or St. Louis. 16x24, 16x18, $2.78 per box; 12x14, $2.63, and 10x12, $2.25 per box. Also some A glass at low prices. Pipe—Sound, second-hand, used in large hotel near fair grounds; 2-inch, 6½c per foot; 1¼-inch, 4c; 1-inch, 3c; ¾-inch, 2¾c. Also valves, etc., shipped from St. Louis, Chicago or New York. Gurney boiler, sectional, 2200 sq. feet radiation, $70.00. Rider hot-air pump, $60.00. Also gasoline, $75.00. Prices Chicago. Also a lot of 3x6 hotbed sash. Address G. & F. Blanchard, 45 La Salle Street, Chicago.

Auction Sale

I will sell at public auction on the premises, rain or shine, **Thursday, July 6**, at 12 o'clock noon, the Humphrey Greenhouses in the city of Rome, N. Y. Has 15,000 square feet of glass, located on lot consisting of 165 feet frontage and 150 feet deep, with ten modern well equipped greenhouses, all stocked with palms, ferns, roses, carnations and general bedding stock. These houses are all heated with steam, are centrally located and doing a fine business. Has also an eleven-room dwelling with modern improvements, and a natural gas well which supplies the property with light. Reasons for selling—sickness. For further information call or

Address **JOHN DOWD,** Auctioneer,
57 Arcade, UTICA, N. Y.

FOR SALE 2 Hot Water Boilers

capable of heating 5,500 feet each of 4-inch pipe, as good as new. Apply or write to the

SUPERIOR MACHINE and BOILER WORKS
129-131-133 W. Superior St.
CHICAGO.

Mention The Review when you write.



CALDWELL THE WOODSMAN,
The man who gave you the Wild smilax.

SOMETHING NEW

Now that the season for Wild Smilax is over and no more stock can be supplied, I wish to call your attention to the

Branches of the Huckleberry Tree

as a most elegant Decorative Green. It is largely used by the Florists of the Pacific Coast, Washington and Oregon in decorations. The branches are FLAT, very thickly furnished with exceedingly lustrous, green leaves, and it seems to adapt itself to almost any position in decoration that the Wild Smilax can be used in.

As the introducer of Southern Wild Smilax, I think you can give me credit for knowing a good thing when I see it, and I am convinced that in Huckleberry branches you will have a very beautiful substitute for the Wild Smilax, of great value to you through the months of May and June. I am anxious to get the verdict of the Floral trade on this introduction and offer to send you a Case on Suspicion, price $2.50 per case if it suits you, nothing if it does not. Will you try a case on these terms?



THE VERDICT OF THE TRADE

The case of Huckleberry was very satisfactory as a decorating green, and we wish to compliment you on the new discovery for decorating at this time of year.
FRED C. WEBER, St. Louis, Mo.

We are in receipt of your shipment of one case Huckleberry Branches and are pleased with it. Send by express 5 cases at once.
WM. ROETHKE FLORAL CO.,
Saginaw, W. S., Mich.

Two cases of your decorating green reached us in good condition and we used them very effectively in a church decoration which gave entire satisfaction to our customer. THE GASSER CO., Cleveland, O.

The Huckleberry Branches are a GO.
KENNICOTT BROS. CO., Chicago, Ill.

We think we can handle a great deal of your new green.
LEO NIESSEN CO., Philadelphia, Pa.

CALDWELL THE WOODSMAN CO., Evergreen, Ala.

Cash with order, please.

New Crop Hardy Ferns Now Ready FANCIES, $1.50 per 1000. DAGGERS, 1.25 per 1000.

BALTIMORE.

The Market.

Trade continues fair. Weddings and commencements are using up all the good flowers coming in. The closing of public schools on June 23 created a big demand for cut flowers, more so than any previous year. Some of the retailers who are surrounded by the schools report that they had so much business for this occasion that they refused to book any more orders for that morning's delivery and say that the day can be depended upon as a busy one. The Exchange had not a carnation in the place by noon and could have handled many more.

Very few good roses are now coming in. The extreme hot weather is showing its effects. The white Maman Cochet is about the only good rose that is now being cut under glass. Outdoor pink and the white Cochet are largely depended on for summer roses, but are not yet very plentiful.

A fair quantity of good carnations is still being shipped to this market. Flora Hill has proven itself to be the best white carnation for summer. It is now as good as any cut this winter and hard to find a burst one, which was the trouble this season with that variety.

Sweet peas continue very plentiful and have sold fairly well, the best bringing from 20 to 25 cents per hundred. Southern gladioli are being shipped to this market in large quantities, but the quality is not as good as home-grown ones. There is very little sale for them and consequently many go to waste. Asparagus and smilax are more plentiful and of very good quality. Never before were dagger ferns brought from around Maryland in such large quantities as now and fine long leaves can be bought in large lots for 50 and 60 cents per thousand.

Various Notes.

At the last meeting of the Gardeners' Club, which was largely attended, an invitation was extended to the club by Richard Vincent, Jr., to visit his place at White Marsh. There are three and a half acres under glass, mostly devoted to geraniums and vegetable plants and general bedding stock, of which they make a specialty. Three houses 30x210 feet are entirely devoted to the newer varieties of geraniums, planted in solid beds, used as stock plants, and other houses filled with the standard sorts. There are about 150 acres under cultivation, mostly devoted to seedling vegetable plants, six acres in seedling cabbage plants and the same in celery, besides about ten acres in dahlias, and numerous other plants in large quantities are raised here. The entire plant is heated by six boilers, steam heat, and is noted as one of the most up-to-date heating plants in the country. There are about thirty people employed and Mr. Vincent and three sons at the head. Some time in August Mr. Vincent and one of his sons intend to take a trip abroad and see if there is anything better in geraniums over there. If there is he said, "We must have it, no matter what the price is."

A. F.

GLASS AND PIPE.

I am building a greenhouse 15x100 for lettuce growing and wish to put it up as cheaply as possible. What are the objections to single strength glass 10x12? How many 2-inch water pipes will be required to maintain 45 degrees in Maine, where the temperature often drops to 25 degrees below zero?

BANGOR.

There is no special objection to single thick glass in as small sizes as 8x10 or 10x12. The greatest objection is to the size of the glass rather than to the thickness. Too much woodwork in proportion to the area of the roof is necessary in building greenhouses in which small glass is used. If it is desirable to use 10x12 glass place the sash bars twelve inches apart, lap the glass about one-eighth of an inch and use light cypress sash bars. To heat such a house as you propose, 15x100 feet, to 45 degrees during severe weather with water at 180 degrees at least eight runs of 2-inch pipe should be provided.

L. C. C.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at Santa Clara, Cal, June, 1906.

We have spent a week at Paw Paw,
Have met Louis here and there;
We have rocked the cradle gently at Des Moines;
We have shot the shoots at sunrise,
After blowing things for fair,
But Grenell has shown us how to spend the coin.

SEED TRADE CONVENTION.

The twenty-third annual convention of the American Seed Trade Association, held at Alexandria Bay, N. Y., June 20 to 22, was in all respects creditable to the organization. The attendance, though not as large as might have been expected, was well up to the average of other years. The close proximity of the meeting place to Canada gave the brethren from over the line little excuse for absence and several additions to the membership roll from Canada was a result. Monday evening, June 19, saw a goodly number of members arrived and the executive session at 10:30 Tuesday morning was well attended. The president's address was received with applause and the report of the secretary and treasurer was read and approved. At this session the membership committee reported favorably upon the candidates desiring admission to membership and their election took place.

A recess of ten minutes was taken in order to give time for the ladies and guests attending the convention to be informed, the session beginning at 11:30 was open to all. At this session Mayor Delaney, of Alexandria Bay, welcomed the convention to the beautiful burgh which he has the honor to represent. At the conclusion of his address he took occasion to introduce Major Durham, a resident of the Island region for thirty-three years, as the man who could probably better than any other person do justice to the subject assigned to him, "Points of Interest at the Thousand Islands." Major Durham was eloquent and his address was punctuated by frequent applause. Adjournment was taken at 12:30 in order that the members might prepare to take the "fifty-mile ramble" through the islands upon the steamer Island Wanderer. On this trip W. H. Grenell was the host and a most enjoyable time was had. Music to soothe and all sorts of refreshments to stimulate were handed out in free handed way. Upon its return from this trip the party was assembled on the hotel lawn and the convention photograph was taken.

The evening session was well attended. The time was taken up by the reading of papers. The paper by Lester L. Morse, of Santa Clara, Cal., which had been looked forward to with considerable interest, was the first one called for. Mr. Morse was unavoidably absent but his paper was very acceptably read by Secretary Kendel. Coming from an authority on the question treated, "Seed Growing in California," the information given was listened to attentively and the portion giving figures as to the acreage in California of the different standard seed crops had an especial attraction. "Good Seeds Which Do Not Grow," a subject which seedsmen have to discuss and make explanation for continuously in their business, was ably handled by C. L. Allen, of Floral Park, N. Y. "Trials and Pleasures of the Seed Trade" was treated by Harry L. Holmes, of Harrisburg, Pa., in a strong, interesting paper. "Methods of Advertising," a paper by William Henry Maule, of Philadelphia, was read by R. C. Dungan, who was introduced to the convention as Mr. Maule's right bower. The time having advanced, a discussion of the papers, which many of the members would have liked to listen to, had to be left out.

The session Wednesday morning was taken up by reports of committees, the recommendation of new committees to the incoming officers and the discussion of the work of the committees and its bearing upon the welfare of the association. At this session a fine address by R. U. Conger, of New York, upon "The Science of Business Building" was listened to. The question of the adulteration of seeds was handled by a representative of the Department of Agriculture and a committee of five was



W. H. Grenell.
(President American Seed Trade Association.)

appointed by the chair to report a resolution to the convention embodying its feeling in the matter of restricting in some way the importation of trefoil as an adulterant for alfalfa and red clover. This committee reported later and its resolution was adopted. The paper of Albert McCullough upon "Increasing or Restricting Membership in the Association" brought from Mr. McCullough the remark that a question as to the interpretation of Article III of the constitution was different to different minds. This being the case, he thought the matter should be called to the attention of the incoming executive committee for decision. A uniform interpretation of all the articles of the constitution and by-laws was thought to be desirable and it was the sense of the convention that if two constructions could be put upon any phraseology the sooner a change in them took place the better. In this connection the advisability of increasing the initiation fee from $5 to $100 was discussed. This, with the matter concerning the change of constitution was referred to the new executive committee for action.

A trip to Brockville, Canada, was the order for the afternoon of Wednesday, and the host on this occasion as on Tuesday, was W. H. Grenell. At Brockville a band was stationed on the wharf to receive the party, and "The Star Spangled Banner" played under the floating ensign of Great Britain brought cheers from the boat and cheers from the dock. Twenty minutes were given to see Brockville. Part of the company went to the insane asylum and the balance to the jail. Everyone being adjudged safe, as well as sane, however, it was unnecessary to leave anyone behind. As we left the dock at Brockville on the return trip "God Save the King" was played by the band, and the Americans joined in at the parting in the cheers for King Edward.

Upon the return of the boat to Alexandria Bay the party found that the liberal-hearted Mr. Grenell had not yet exhausted his idea of what a host should do for his guests. The company was informed that a banquet would be given by Mr. Grenell to the members and guests of the American Seed Trade Association. The discussion of the menu began at 7:30. Albert McCullough was toastmaster and neat speeches in response to toasts were made by Messrs. Stokes, Page, Braslan, Ferrell, William Ewing, Sr., and others. The banquet closed operations for Wednesday.

Thursday, the most important day of the convention, brought routine business, followed by the election of officers. According to custom, L. L. May was the logical candidate for the presidency, but the generous hospitality of W. H. Grenell, aided by the no less generous solicitation of Mr. May that a departure from precedent be made at this convention, resulted in the unanimous election of Mr. Grenell for president. L. L. May was re-elected first vice-president, G. B. McVay second vice-president, and C. E. Kendel, of Cleveland, was re-elected secretary and treasurer. The nominating committee named the executive committee and at the solicitation of Charles P. Braslan an informal vote standing 32 to 5 was given in favor of San Jose, Cal., as the next meeting place of the convention. The convention then adjourned.

The adjournment by no means put any sort of a stopper on the entertainment, for each member and guest of the Seed Trade Association carried a card in his pocket bearing an invitation to attend an excursion and luncheon given by A. T. Ferrell, the man who sets up the best seed cleaning mill. Mr. Ferrell is a royal entertainer and a delightful trip was taken on the boat he chartered. It was a duplication of all the other trips as far as supplies, music, etc., were concerned, and at a stop of twenty minutes at Thousand Island Park another photograph of the party was taken. In the evening of Thursday another trip termed a "searchlight excursion" was given and the sight of the islands and inlets as seen when the searchlight was thrown upon them was beautiful indeed. No such entertainment

was ever before given at a seedsmen's convention, and it will be a long time before the participants in this event forget the efforts put forth by the people who did so much to make the twenty-third annual convention a memorable one.

Convention Happenings.

The largest fish caught, as far as reported, was a pickerel weighing seven pounds, landed by Mrs. S. F. Leonard, Chicago.

The presentation of a beautiful parlor lamp to Mr. and Mrs. Page, and of an artistic hall vase to Mr. and Mrs. Grenell by the members of the American Seed Trade Association, was one of the pleasing things added to the program.

On the Ferrell excursion trip, Professor Piper, who gave the talk at one of the convention sessions on the introduction of new forage plants, was given a chance to demonstrate his knowledge of trefoil. He was handed a specimen plant of the article that one of the voyagers picked from the lawn during the stop at Thousand Island park. The professor, although out for pleasure, held a class meeting after the boat had resumed its voyage and gave out some valuable information on the subject.

A toast, offered by Buckbee, of Rockford, while handing a soda to an eastern member and holding a beer for himself: "Here's to Grenell; may his bean and pea crops flourish and yield him as much profit as his entertainment yields us pleasure."

At the convention, Chas. P. Braslan, of San Jose, Cal., carried a box containing sprigs bearing the seed ball of what he termed Canariensis Braslanii. The article was nothing more or less than the canary seed of commerce as grown in California. He is hopeful that a successful demonstration that the commodity can be grown profitably in California will be a result of an experiment he is now carrying out at one of his growing places. Up to the present all canary seed used in this country is imported from Sicily and other foreign parts.

Speaking of conventions, we take everything into account and bar nothing when we say that this is the best there is, was, or is to be.

Where was St. Louis when the Thousand Islands were parceled out? Vat?

Chicago is the only place, except probably San Jose, that could hold a candle to Alexandria Bay for seedsmen's conventions.

Wm. Ewing's rendition of Annie Laurie would test ninety-nine per cent.

The picture Harry Holmes sat for will be a "beaut" if the negative is properly worked out.

Braslan's invitation to San Jose should be accepted by all means.

The popularity of Frank Emerson when he is awake is more than equalized by his unpopularity when asleep.

The Swedish song given by John T. Buckbee is the best novelty of the year.

The acquisition of the man who works that vegetable garden opposite the convention hall would be a grand thing for the average seedsman's trial ground.

W. H. GRENELL.

The president-elect of the American Seed Trade Association embarked in the seed business over thirty years ago, in 1873, at Pierrepont Manor, N. Y. He is a grower and has largely confined his efforts to peas and beans, of which he is a very large producer. In 1892 he established a branch at Renfrew, Ont., and in 1895 removed his headquarters to Saginaw, Mich., which is now his main growing station, with many branches in the surrounding counties for receiving the seed from farmers, cleaning and shipping.

A. C. NELLIS, of the New York Market Gardeners' Association, which had the government seed order a few years ago, is out with another open letter, demanding that the President hold a post-mortem on that affair.

THE Michigan radish seed crops are looking well. Cucumber patches growing for seed purposes in the same section show a good stand. The outlook for both of these crops is as good as can be expected at this date.

CHICAGO.—It is too early to give anything definite as to what the onion set crop will do here. The early planted fields are at the critical stage at present and the fields where unfavorable weather made late seeding necessary are an unknown quantity as yet.

FROM the "thumb" district of Michigan the reports on beans are about as bad as from northern New York. Western Michigan, from Grand Rapids south, reports that better conditions prevail and that if the farmers will push planting where they have not already done so, a fairly good crop may be expected.

REPORTS from northern New York and the Canadian growing stations are to the effect that the pea crops in general are doing well. Beans, on the other hand, are having a hard time. Heavy rains in the New York sections have retarded planting beyond a safe date in many cases, and in fields where a fair stand showed above ground a great deal of washing out resulted. Replanting may make up for the damage done to a certain extent.

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are now completed.

We take orders now for delivery this fall or next spring. Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

Burpee's Seeds Grow

Mention The Review when you write.

VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

SEED GROWERS Read This

Being engaged in Wholesale and Retail Seed business, I should like to hear from growers of field and garden seeds, suitable for Canadian trade. Growers in northern sections specially invited to communicate with me.

H. L. DERY, Montreal, Canada.

Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

VISITED CHICAGO.—Robert Fulton, of Henry & Lee, New York, en route to Japan.

H. L. DERY, formerly of Dery & Son Co., nurserymen of Montreal, Can., has started a wholesale and retail seed business in that city.

HAMILTON, BERMUDA.—Among recent arrivals are F. H. Henry, of Henry & Lee, New York; Arnold Ringer, of W. W. Barnard & Co., and C. W. Scott, of Vaughan's, Chicago.

THE Canadian Seed Growers' Association is in session at Ottawa, Ont., this week. The program consists of talks on seed breeding by scientific gentlemen, Mr. Briggs of the Steele-Briggs Co. being the only seedsman down for an address.

From Wisconsin the reports on the pea crop continue to be favorable and most of the early varieties are far enough along to withstand any ordinary reverses.

THE LONDON LETTER.

Since dispatching my last notes the weather has by no means been favorable to seed growing in the southern counties of England. We have experienced very cold and continuous rains, culminating in a storm of such force and tropical energy that the country looked like a vast millpond. Early subjects, such as forget-me-nots, sweet alyssum, polyanthus, primroses, Alpine auriculas, etc., must have had many of their seeds washed from their capsules, while seeds of biennials recently sown were washed out of the ground.

The black aphis has been prevalent on plants of both mangel wurzel and beet standing for seed, but the effect of the rain and storm must be to cleanse the plants from this pest. Much mischief, however, was done before the cleansing agencies came, as the aphides gather on the stems of the plants when they are in bloom and suck out their life juices. The yield of seed of both these articles must be limited, and as far as future crops are concerned must well depend upon the character of the weather at the time of sowing. Anything in the way of high-class stocks of mangel wurzel for sowing command a high price. V. M. H.

DUTCH BULBS.

Following is the report of a Holland correspondent of the Horticultural Trade Journal:

Now that the lifting of some of the early ripening tulips is near at hand, many sorts of the later ripening tulips, that should not have been ready for lifting until the end of June, are showing already the results of the hot days of last week. Whereas the first of May made its entry under favorable outlooks for a good crop of both hyacinths and tulips, the changes that have taken place since, in the way of some flying storms and very severe night frosts, have caused many of the growers to feel perfectly disgusted. Not only that, nearly all the early potatoes and beans were perfectly cut down by the frost, but the growing bulb crops have suffered very seriously, and it is quite certain now that the tulip crop at any rate will not be anything like last year's, and in many places where the blight in the foliage has been very bad, not one-half of last year's crop must be expected. It also appears from the present looks in the growing fields that crocus are likely to be both a poor and short crop, having also suffered too much from the snow and frost we had in April. The last two weeks have been exceedingly dry all over the coutinent, and crops have suffered considerably in many sections, and the agricultural world is anxiously looking out for a good dose of rain.

GERMAN SEED CROPS.

The following is the report of the Erfurt correspondent of the Horticultural Trade Journal:

It is not often that a season is practically a replica of the preceding one, but this spring promises, in the matter of dryness, to equal, if not eclipse, that of 1904, which was the driest we had experienced since 1893. We had this year a little more moisture in the soil to begin with, which was of great benefit, but the continual east and northeast winds, combined with a fierce and unseasonable heat, are rapidly neutralizing this, and a prolongation of the present prevailing conditions will have a prejudicial effect on the growing crops.

The plantations of vegetable seeds are mostly looking well so far. The annual sorts came up well, and the planting out of the biennials was accomplished under favorable conditions, so now with everything in the incipient stage, we must await the natural developments of the season.

As regards flowers, the fields are now gay with large stretches of forget-me-nots and many-hued pansies, which look well, though needing moisture. Single wallflowers furnish a wealth of rich colors, and a new shade may make its appearance next season. Sweet peas are coming up well, and a good acreage is put out. Asters are all planted, and balsams are only waiting for the weather in order to follow suit.

Perennials are making their usual brave show at this time. Aubrietias and arabis led the way, aquilegias and bellis followed, and now the pyrethrums are coming on, while the oriental poppy buds are ready to burst and display their gorgeous colors.

The stages are occupied with wallflowers and winter stocks, all in good shape, and ten weeks' stocks are rapidly developing. In the houses, cinerarias, gloxinias and calceolarias are making a brilliant display, and hand fertilizing is in daily progress, liberal spraying being resorted to in order to prevent the dust interfering with this delicate operation. Petunias and other articles are pushing forward in good shape.

Visitors from abroad are not as a rule numerous at this period of the year, but Australia and the Cape have already been represented, and some of our transatlantic friends are advised. We shall not object if they can bring some rain with them.

JOHNSON & STOKES'

KINGLY Collection of GIANT PANSIES

Never has a strain of Pansy given more general satisfaction than has our "Kingly Collection of Giant Pansies" It is absolutely unrivaled in range of magnificent colors, size and substance, as no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds), 30c; trade packet (2000 seeds), 50c: 5000 seeds, $1.00; per oz., $5.00.

Popular Pansies — Headquarters for the Best English, French and German Strains.

	Large trade pkt. (2000 seeds)	Oz.
Azure blue	$0.20	
Belgian striped	.20	$0.75
Black (Faust)	.20	.75
Bronze shades	.20	.75
Bugnot's large blotched	.50	4.00
Emperor Frederick, (new), dark red	.20	.75
Emperor William, ultramarine blue	.20	.75
English large flowering, fine mixed	.25	1.00
Fire Dragon, fiery orange and bronze	.20	.75
French, large flowering, finest mixed	.20	.80
Lord Beaconsfield, deep purple violet	.20	.75
Odier, extra large blotched, rich colors	.30	3.00
Prince Bismarck, beautiful golden br'ze	.20	.75
Quadricolor, or pheasant's eye (rainbow)	.20	.75
Snow Queen, satiny white	.20	.75
Striped and mottled, large flowered	.20	.75
Improved Giant Trimardeau, mixed	.25	1.00
Gold margined	.20	.75
Giant white	.25	1.25
Giant yellow	.25	1.25

	Large trade pkt. (2000 seeds)	Oz.
Giant black-blue (new)	$0.25	$1.50
Giant black	.25	1.25
Giant azure blue (Emperor William)	.25	1.25
Giant striped	.25	1.25
Havana brown	.20	.75
Cassier's Giant, five blotched	.40	3.00
Masterpiece, a new large blotched variety with curled petals of compact habit, great substance, and containing many rich colors	.40	3.50
Meteor, (new) bright brown	.20	.75
Peacock, ultramarine blue, deep claret and white	.20	.75
Red Victoria, (new), very fine	.25	1.00
White, pure	.20	.75
Yellow, pure	.20	.75
Fine, mixed	.15	.60
Fine English, mixed	.20	.75
Imperial German, mixed	.30	3.00

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

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NEW CROP

PANSY SEED

MICHELL'S GIANT PRIZE

Our Giant Prize Pansies are not to be compared with the ordinary Giant Trimardeau. The seed we offer will produce flowers of much heavier texture.

Michell's Giant Exhibition Mixed

A strain which we have secured from the leading Pansy Specialists in Germany and France, and cannot be excelled in size, texture and brilliant colors. Price per trade packet, 50c; per ⅛ oz., 75c; per oz., $5.00.

	Trade pkt.	Oz
GIANT AZURE BLUE	40c	$2.00
GIANT BLACK BLUE	40c	2.00
GIANT HORTENSIA RED	40c	2.00
GIANT SNOW QUEEN	40c	2.00
GIANT WHITE, with Eye	40c	2.00
GIANT YELLOW, with Eye	40c	2.00

For complete list of Pansy and other seasonable seeds see our New Wholesale List. Send for a copy.

HENRY F. MICHELL CO.

Seed Growers and Importers,

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PANSY SEED

Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz, $2.50; 1-oz, $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order.

PETER BROWN

LANCASTER, PA.

Mention The Review when you write.

PANSIES

Odorous, large spotted Giant Pansies, (new giant-blossomed variety), glorious color display; flowers up to 3 inches in diameter; best kind for bouquets and wreaths. 1000 seeds, 25c; 10 gr., 75c; 100 gr., $6.00.

Weigelt's Giant-Blossomed Elite Mixture

consisting of Trimardeau Giant, Cassier, Bugnot and Germania varieties, 1000 seeds, 20c; 10 gr., 50c; 100 gr., $3.50.

FOR ONE DOLLAR

we will send 10 trial packages of our Giant-Blossomed Pansy varieties to the United States, postage prepaid. CASH WITH ORDER.

Catalogue sent free and postage prepaid on application.

WEIGELT & CO.

DEALERS in SEED SPECIALTIES

ERFURT, GERMANY

Please give us a trial order, after which you will become our regular customer

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ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains new crop seed of these well known unrivaled Pansies, ready now, in trade packages at $1.00 each either strain.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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IMPROVED SHASTA DAISY SEED

1000 Seeds, 25 cents

GIANT MIXED PANSY SEED

1000 Seeds, 25 cents.

William Linfoot, 317 North Vermilion St Danville, Ill.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

Apply for prices, stating number wanted.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

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NEW CROP SEED

Of my well-known

Christmas Sweet Peas

will be ready the first week in August next.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per b.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, N. J.

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Special quotations on receipt of quantities required.

FRANKEN BROS., Lake Forest, Ill.

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Lilium Harrisii

BERMUDA EASTER LILIES
Three-Leg Brand

Our grower states that we can expect to receive our first shipment of early forcing bulbs on steamer leaving Bermuda July 14. Our Harrisii Lily Bulbs give so much satisfaction over all other stocks; being freer from disease and the true Harrisii type, they recommend themselves to all Florists requiring reliable stocks at moderate prices.

READ WHAT OUR CUSTOMERS SAY:

(UNSOLICITED) RANDOLPH, MASS., February 24, 1904.

Gents—We wish to inform you that the Lilium Harrisii we had from you last year were very satisfactory indeed. They were the "true" Harrisii, with very large flowers; perfectly healthy plants. They were also very early and even—so even that we cut a 100-foot house between November 15 and January 10—all clean, with scarcely any waste. We shall surely increase our order the coming season (Signed) MANN BROTHERS.

CLUCAS & BODDINGTON CO., New York City.

Dear Sirs—We are pleased to advise you that recent consignment of Harrisii Lilies of July 30 1903, were cut on the 9th ult. and prove very satisfactory. Loss is exceedingly small and we ask you to enter an additional order for 2000 of same variety. Truly yours, (Signed)

Pittsburg, December 1, 1904. H. L. BLIND & BROS.

Prices of LILIUM HARRISII BULBS FOR JULY AND AUGUST Delivery.

	Regular Harrisii, as usually sold. 100	1000	3-Leg Brand. For early forcing 100	1000
5-7. 400 in box	$3.50	$30.00	$4.50	$40 00
6-7. 350 in box	4 00	37.50	5 50	50.00
7 9. 200 in box	6.50	60.00	8.50	80.00
9-11. 100 in box	14 50	135 00	20.00	175 00
11-13	35.00		50.00	

One Whole Case of All Sizes Sold at 1000 Rate.

Prices of COLD STORAGE LILIUM BULBS Immediate Shipment

SHOULD BE PLANTED NOW FOR EARLY FALL FLOWERING.

Lilium Longiflorum Giganteum (Dark Stem)

	100	1000
5 to 7 in. bulbs, 500 in a case	$5 00	$40.00
7 to 9-in bulbs 300 in a case	7 50	65.00

Lilium Longiflorum (Our "Special Stock")

7 to 9-in. bulbs, 300 in a case	$7 50	$60 00
9 to 10-in. bulbs 200 in a case	11 50	100.00
10 to 12 in. bulbs, 150 in a case	17.50	150 00

Lilium Harrisii (Cold storage, present delivery)

5 to 7-in. bulbs, 400 in a case	$5 00	$40 00

Lilium Tigrinum

Splendens (Stngle), 7-9-in., 150 to case	4 00	35 00
Double 400 to case	5 00	45.00

Cold Storage Lilium Speciosums

Lilium Speciosum Rubrum (Dark Red)

	100	1000
8 to 9-in. bulbs, 160 in a case	$6 00	$50 00
9 to 11-in. bulbs, 100 in a case	7 50	70 00
11 to 13 in bulbs, 75 in a case	12.00	

Lilium Speciosum Album (White)

8 to 9-in. bulbs 160 in a case	7.00	60.00

Lilium Roseum, or Melpomene (Rose)

8 to 9-in. bulbs, 160 in a case	$6.50	$60.00
9 to 11-in. bulbs, 100 in a case	9.50	100.00

Get our prices for COLD STORAGE VALLEY. Can ship every day in the year.
Prices on all other Bulbs on application.

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Lilium Harrisii, Calla Lily, Lilium Longiflorum Paper White Narcissus Roman and Dutch Bulbs for summer and fall. Will quote you prices that will save you money.

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RELIABLE SEEDS!

	1000 seeds	Trade Pkt.
Cineraria Hybrida, dwarf giant-flowered finest strain, mixed	$1.00	$0.50
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00	1.00
	Oz.	
Myosotis Alp. Robusta Grandiflora, true	$1.00	.25
Giant Pansies, unsurpassed quality. Special Cemetery mixture	2 50	.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassiers' Giant mixture improved	4 00	.60
Trimardeau Elite mixture.	2 50	.50
Stocks ut and Come Again White	2 50	.50
Stocks, new Snow White Excelsior, very extra with enormous spikes, best greenhouse variety	5 00	.60
Mignonette Triumph new	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J

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XXX SEEDS

CHINESE PRIMROSE

Finest grown, large flowering, fringed, single and double, 15 varieties mixed, 500 seeds, $1.00; half pkt., 50c. Have the varieties separate, also.

GIANT DAISY Finest giant mixed, 1000 seeds, 25c.

CINERARIA Finest large flowering, dwarf, mixed, 1000 seeds, 50c.

GIANT PANSY The best large flowering varieties, critically selected 5000 seeds, $1.00; half pkt., 50c 500 seeds of Giant **Mme. Perret** pansy seed added to every $1 00 pkt. of Giant Pansy. **Cash** Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

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PITTSBURG.

The Market.

We have just experienced a very peculiar week for hot weather, rain and wind. Last Wednesday they had a very severe storm just above Bakerstown and through a portion of Butler county. The wind was very strong and with it a fine hail that beat the corn, wheat and oats to the ground and cut most everything to pieces, even breaking glass in some places. But notwithstanding the weather conditions, business was above the average for so late in the season. The wholesale houses report fair sales on all good stock. Roses are becoming poorer every day but carnations are fine. Sweet peas are already a glut on the market, many more being received than can be disposed of at any price. There are still Harrisii lilies enough to supply the demand and candidum lilies are abundant and sell very cheap. A few asters are to be seen, but they are not of much value.

Various Notes.

From present indications they must be going to close all the flower shops in this city, as every one you meet says he is going to the florists' picnic July 12. There is a fine list of athletic events, handsome prizes for which are now in the hands of the committee.

In talking with an old-timer in the business, he offers this information: That Pittsburg has been short on bedding plants for several years and that there is still room for several good men to take up bedding plants and that we should have at least one man who would take up palms and ferns. If this is true it will settle all the talk of too many in the business.

Fifty residents of Versailles borough, above McKeesport, are threatened with suits by John Orth, of the McKeesport Floral Co. Most of the people are women and their troubles were brought on by a practical joker. Orth recently purchased several greenhouses at Versailles, intending to remove the plants to the Seitz farm in Versailles township, the headquarters of the company. The practical joker placed the following notice on the entrance gate to the greenhouses in Versailles: "Take everything about the place at your leisure, excepting the telephone." In a short time every plant in the greenhouses had been taken. Orth places his loss at $500. He will send notices to the fifty addresses secured by him requesting restitution of the flowers or their value in money.

Paul M. Pierson, of Scarborough, N. Y., was in the city this week, looking us over.

W. H. Carney, of J. B. Murdoch & Co., has returned from a trip among Indiana growers and to Chicago.

P. J. Demas, of the Florists' Exchange, has been in Philadelphia, New York and up the Hudson to the violet districts.

Hoo-Hoo.

CLEVELAND.

The Market.

Business apparently revived somewhat during the second and third weeks of June, and all the retail stores were quite busy. Weddings were numerous, but not many called for large decorations. Commencements cleaned the market up nicely, many peonies being used. On June 21 a most terrible catastrophe occurred about sixteen miles east of Cleveland, in the village of Mentor. The Twentieth Century Limited on the Lake Shore, going at seventy miles an hour, ran into an open switch. Many people were killed or maimed. All were prominent in social and business life. Four were Cleveland men. The call for funeral work was something tremendous. It took three or four large moving vans to carry the flowers from the houses to the church, then to the cemetery. Every retail store in Cleveland was taxed to its utmost and Saturday afternoon found a fagged lot of florists. Good stock was decidedly scarce and many orders had to be filled with inferior stock.

Prices are not very good, but we ought not to complain when the quality is taken into consideration. Tea roses are decidedly off and hardly worth shipping to the commission house. Beauties are fair, however, but will soon be over, as growers are throwing them out. Meteors are very good, long stems and good color. Carnations are becoming small and show the effects of the hot spell. Prices range from 50 cents to $1.50 per hundred.

Various Notes.

Smith & Fetters have been quite busy the last two weeks. They had two large weddings for Tuesday and the decoration for a very large affair to be given by Mrs. L. C. Hanna, at which orchids and hydrangeas will play a very prominent part. Palms will be scarcely used at all. Mr. Eastwell, when seen Saturday, was much pleased with their share of funeral work recently, having worked hard all Friday and Friday night up to Saturday noon.

The J. M. Gasser Co. on June 21 had five large weddings to look after, all of which were very satisfactorily executed. Mr. Jones directed all these affairs and deserves considerable credit. This firm was also taxed to its fullest capacity with funeral work, working both night and day.

Collins & Harrison, James Eadie and C. M. Wagner all had an equal share of work and when called upon declared they were glad it was over.

The F. R. Williams Co. is cutting some extra fine Kaiserin roses off plants on the new tile bench invented by Bate Bros.

Bate Bros., of East Cleveland, are sending in some very good carnations for this season of the year.

Forest City.

Morenci, Mich.—E. W. Scofield is no longer in the greenhouse business.

Kirksville, Mo.—Greenhouses are to be built at the Kirksville Normal School.

St. Paul, Minn.—Herman Bunde has returned from a visit to his brother at Eau Claire.

New Albany, Ind.—One of F. Walker & Co.'s horses ran away June 19 and scattered things around a bit, but no one was hurt.

Grand Rapids, Mich.—Since the recession of the flood the hot sun has had a bad effect on all stock in the field. Stem rot is very prevalent among carnations.

CARNATIONS, KAISERINS and SWEET PEAS

The Philadelphia Cut Flower Co.

Store Closes July 4th at noon. Saturdays at 1 P. M.

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PRICE, POSTPAID, 25c.

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Caxton Bldg., 334 Dearborn St.

CHICAGO

Wholesale Cut Flower Prices.

Philadelphia, June 28.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
Queen of Edgely, Specials		3.00
" " Medium	1.00 to	2.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10.00
" Ordinary	2.00 to	4.00
Golden Gate	2.00 to	6.00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		2.50
" Select	1.50 to	2.00
" Ordinary	.50 to	.75
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Daisies, White or Yellow		.50
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Gardenias		12.50
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Peonies	3.00 to	5.00
Water Lilies	2.00 to	4.00
Iris	2.00 to	3.00
Centaurea	2.00 to	3.00
Pyrethrum.. per bunch 12c to 15c		
Candidum Lilies, $1.00 per doz. st'ks		
Gladioli	3.00 to	5.00

PONTIAC, MICH.—C. W. Ward, of Queens, N. Y., has been here for a few days on business.

ST. PAUL, MINN.—One Albion Anderson has been sentenced to twenty days in jail for breaking into L. L. May's boathouse at Mayville Farm.

PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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A Booklet just the size to fit a desk pigeon-hole and be always available.

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New York, June 26.

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Beauties,	Specials	$ 8.00 to $15.00
"	Extra	6.00 to 8.00
"	No. 1	4.00 to 5.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	3.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		2.00 to 10.00
Mme. Chatenay		1.00 to 4.00
Killarney		1.00 to 6.00
Orchids, Cattleyas		50.00 to 75.00
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"	Selects	.50 to .75
"	Fancies	.75 to 1.00
"	Novelties	1.00 to 2.00
Adiantum Cuneatum		50 to .75
"	Croweanum	1.25
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Asparagus Sprengeri, bunches		5.00 to 10.00
Lilies		3.00 to 5.00
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Callas		3.00 to 5.00
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Peonies		1.00 to 4.00

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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

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Boston, June 28.

	Per 100	
Beauties, Specials	$10.00 to	$20.00
" Extra	6.00 to	8.00
" Short Stems	1.00 to	4.00
Brides, Specials	8.00 to	6.00
" Seconds	1.00 to	2.00
Bridesmaids, Specials	3.00 to	6.00
" Seconds	1.00 to	2.00
Carnots, Kaiserins	2.00 to	6.00
Liberty	1.00 to	8.00
Hybrid Roses in variety	1.00 to	5.00
Carnations, Special	2.00 to	3.00
" Select	1.00 to	1.50
" Ordinary	.50 to	.75
Lily of the Valley	2.00 to	4.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays, bn. 35-50c		
" Sprengeri, bunch, 25-50c		
Smilax	10.00 to	15.00
Adiantum	.75 to	1.00
Sweet Peas	.25 to	.75
Gladioli	2.00 to	5.00
Peonies	2.00 to	4.00

Buffalo, June 28.

	Per 100	
Beauties, Specials	$20.00 to	$25.00
" Extra	12.00 to	20.00
" Shorts	4.00 to	10.00
Brides and Maids, Extra	6.00 to	8.00
" " No. 1	4.00 to	6.00
" " No. 2	2.00 to	3.00
Kaiserin	4.00 to	8.00
Liberty	2.00 to	10.00
Meteor	2.00 to	6.00
President Carnot	4.00 to	8.00
Perle	3.00 to	5.00
Carnations	1.00 to	3.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum		1.50
" Farleyense	10.00 to	12.00
Asparagus Plumosus, Strings	40.00 to	60.00
" " Sprays	1.00 to	2.00
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax		15.00
Sweet Peas	.25 to	.50
Pond Lilies	4.00 to	5.00
Peonies	2.00 to	4.00

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Wholesale Cut Flower Prices.

Chicago, June 28.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Kaiserin	3.00 to	8.00
Carnot	3.00 to	8
Perles, Firsts		
" Seconds	3.00 to	
Chatenay	3.00 to	
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Peonies	3.00 to	6.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Candidum Lilies	2.00 to	4.00
Water Lilies	1.00 to	1.50
Pansies	.25 to	.75
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.40 to	1.00
Daisies	.75 to	1.50
Mignonette	3.00 to	8.00
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri 25-35c		
Ferns per 1000 $1.50 to	$ 2.00	.25
Adiantum Cuneatum	.75 to	1.00
Smilax per doz., $1.50 to $2.00		

TORONTO, OHIO.—Ben Wilson has bought the David Atens greenhouses and will remove them to Euclid avenue, where he will continue the business.

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Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems $6.00 to $8.00	per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.00

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American Beauties, 2½-in. pots	$7.00
Liberty, 2½-in. pots	6.00
Kaiserin, 2½-in. pots, $4.00; 3-in.	6.00
Bride, 2½-in. pots, $3.50; 3-in.	5.00
Maid, 2½-in. pots, $3.50; 3-in.	5.00

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Wholesale Cut Flower Prices.

St. Louis, June 28.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$4.00 to $5.00
" " No 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	3.00 to 5.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.15 to .20
Peonies	3.00 to 4.00
Daisies	.25 to .35
Cornflowers	.25

Milwaukee, June 28.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	6.00 to 8.00
Bride and Bridesmaid, Firsts	6.00
" " Seconds	4.00
Golden Gate	4.00 to 6.00
Liberty	6.00 to 10.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
" Fancies	3.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Lily of the Valley	3.00
Sweet Peas	1.00
Daisies	.50
Peonies	4.00 to 6.00

Pittsburg, June 28.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 18.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 3.00
Brides and Maids	1.00 to 3.00
Cusin	1.00 to 6.00
Liberty	3.00 to 15.00
Chatenay	4.00 to 6.00
Perle	2.00 to 4.00
Carnations	1.00 to 2.00
Adiantum Croweanum	.75 to 1.50
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	2.00 to 4.00
Smilax	12.50 to 15.00
Lilies	12.00 to 15.00
Sweet Peas	.10 to .50
Daisies, Yellow	1.00
Candytuft	.50 to 1.00

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Wholesale Cut Flower Prices.

Cincinnati, June 28.

	Per 100
Beauties, Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteo	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Baby Primrose	.35 to .50
Stocks	2.00 to 3.00
Sweet Peas	.35 to .50
Peonies	3.00 to 6.00
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, June 28.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	5.00
Sweet Peas	.40 to .50
Peonies	50c to 75c per dozen

THE REVIEW will send its Pronouncing Dictionary on receipt of 25c.



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Dagger Ferns, 75c per 1000.

Dagger Ferns, lots of 5000 and over, 60c per 1000. For 10,000 and over, 50c per 1000.

Green and Bronze Galax, $1.00 per 1000.

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PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St, Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street
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DETROIT.

The season has been a wet, cold one until two weeks ago and seriously hindered the work of planting out stock and greatly stimulated the growth of weeds. The regular summer dull season has arrived and with it the time for repairs and replanting. The graduations at the schools created a little splurge the past week, although the edict of the board of education that no flowers be allowed on the stage has in a measure tended to cut out the elaborate use of them as in former years.

There is very little building in the way of new glass this year, but all are repainting and taking care of the old. Mr. Plumb is putting in two new boilers and preparing to greatly enlarge next year.

We spent a very pleasant hour with H. A. Hart, of Cleveland, on June 19. He brought his wife to Mt. Clemens, for the baths to try and improve her health. He reports a most prosperous season in Cleveland, and we have had a very good one here, but collections are very slow from outside parties, where the collecting has to be done by mail.

A. Harvey has foreclosed on the property of Mr. Dungay, at Orion, and is putting it in repair throughout. He says he is going to play with it for a year anyway, and see if he can realize the interest on his investment. Mr. Herr, formerly of this city, will be in charge of the growing.

George A. Rackham has been ill for many weeks with the grip, which he characterizes as a most infernal disease, but is now feeling much stronger.

RAG.

CINCINNATI.

The Market.

Business is gradually dwindling to a summer basis. Yet now and then there is a spurt that tends to relieve the monotony. The weather is good, but warm, and we are not having quite so much rain.

Roses, especially white, are very scarce. The supply of Beauties is increasing, but the quality is not very good. The buds are small and they open very fast. A few Kaiserin help out. The few Liberties also sell well. Brides and Maids are about all used up. There are still some good carnations, most of them coming from the north, and they sell well. Locally they are about used up. Of other stocks, the usual summer variety is to be had. Sweet peas are not quite so plentiful and consequently are selling better. Greens of all kinds are plentiful.

Various Notes.

The annual meeting and election of officers of the Florists' Society will take place Thursday at George & Allan's. Besides that there will be all kinds of games in the afternoon, with supper in true Italian style at D. Rusconi's. A great time is in prospect and a large party will be present.

The Hoffmeister Floral Company is sending out notices that they will close the retail store at 813 Elm street during the summer months, beginning July 1. All orders will be filled from the greenhouses. The Hoffmeister sisters, who have charge of the store, will spend the summer abroad, the greater portion of the time in Germany.

Herman Schlachter, a florist on Spring Grove avenue, has sued the National Chemical Company for $8,000 damages. Mr. Schlachter's stock of plants has been ruined by the fumes, ashes, etc., from the chemical works, and he has lost the greater portion of his trade; hence the action.

Mrs. Gear, mother of Fred and William Gear, is very sick.

William Murphy and Peter Weiland are closing at 5 p. m. during the summer months.

Leo Villner, brother of Louis Villner, a Walnut Hills florist, died of pneumonia during the past week.

Charley Jones had one of the largest decorations of the season during the past week, and Hardesty & Co. also had a large one, using quantities of white peonies and Beauties.

C. J. OHMER.

RACINE, WIS.—Thomas Hinchliffe died at his home here June 11, aged 62 years. He had been engaged in the florists' business for a good many years and was doing a fine trade. The business will be continued without change by Mrs. Hinchliffe.

Tested in the crucible of experience, and they stand the test.

PINE TREE RIBBONS

Write for samples today.

The Pine Tree Silk Mills Company

Philadelphia

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ROSES High Grade cut blooms at all times

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Choice Roses

Bride, 3½-inch pots	$4.00
Perle, 3½-inch pots	4.00
Ivory, 3½-inch pots	4.00
Bridesmaid, 3½-inch pots	4.00

All on their own roots. Best value ever offered. Order quick. Address

JNO. A. KEPNER, P. O. Box 3, HARRISBURG, PA.

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A Daily Cut from 40 to 60 Growers

Peonies

We have the largest stock of Choice Peonies (all colors) in Chicago and can supply them by the dozen or thousand as late as July 15. Price $2.00 to $5.00 per 100.

Try a sample shipment. We guarantee them to reach you in first-class salable condition.

We can also take care of your wants in

Roses, Carnations, Orchids, Sweet Peas, Valley, Greens, etc.

Inside Chicago Market Quotations.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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J. J. Habermehl's Sons
Bellevue-Stratford Hotel,
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Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.
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Houghton & Clark
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RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
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Established 1873.
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Your orders for
LOUISVILLE, KY.
will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

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36 W. Forsyth Street,
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HUGH GRAHAM CO.
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
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NEW YORK CITY
Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
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David Clarke's Sons
2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

The J. M. Gasser Company,
EUCLID AVENUE, CLEVELAND, OHIO.

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Orders Executed Artistically.
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Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
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C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS Near the Waldorf-Astoria
7 E. 33rd St., New York City.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

PACIFIC COAST.

Santa Rosa, Cal.—At the recent G. A. R. encampment they had a Burbank day and Fred Grohe presented every one in attendance with a Shasta daisy, a Burbank creation.

NURSERY PRACTICES.

At this season of the year all kinds of stock growing in nursery rows should be carefully watched and kept free of weeds and the soil around it well worked. There is so much natural moisture everywhere at this time that growers who usually irrigate more or less have not yet had to do so, and if attention is paid to cultivation on most kinds of stock it will not be necessary for another month at least. But the season that has been so favorable for the growth of the tree has been equally so to our obnoxious weeds and nurserymen have had more than their usual allowance of them.

Many growers do not irrigate their hardy shrubs or trees and for them it will be an extra good summer. Ornamental stock of all kinds is especially thrifty at the present time and can easily be kept so if the ground is sufficiently worked on top and not allowed to bake.

Such stock as will be large enough to be salable the coming season can be trimmed up to one stem now and taller and more desirable trees will result. Nurserymen often neglect this important detail until late in the season, when the trees have finished growing and the cuts do not heal as well. A poor looking tree is the consequence. This applies especially to deciduous trees of all sizes. Now is the time to start them right.

Although it may seem late, I consider this the best time to plant young pot-grown hardy stock of any kind in the field, if the soil where they are to be planted has been kept well worked. With the abundance of moisture, and possibly one watering in a few weeks, the young stock will attain by the end of the season twice the growth it otherwise would if kept in pots, with about one-twentieth of the trouble, for if there is anything in the nursery on which the grower squanders his money it is taking care of hardy stock in pots from one season to another. G.

SAN FRANCISCO.

The Market.

Business continues to be about the scarcest article we handle and is no improvement on that of the past couple of weeks. We are having a few warm days, and every one who has any money to spend has left the town. Flowers are not plentiful; that is, indoor stock, but there is an abundance of hardy outdoor stuff. Roses and carnations are being held by the growers at fair prices unless they are of very poor quality, and of fancy stock there is little to be seen anywhere. Gladioli are arriving in large quantities and are being used extensively for decorations. Sweet peas are still in their prime, although some of the growers are beginning to offer short-stemmed flowers, but there is so much natural moisture in the ground this season that the sweet pea crop lasted much longer than usual and good flowers on long stems have been in abundance. There are plenty of longiflorums and they cost the stores from $1.50 to $2.50 per dozen stems. Valley is very scarce and in some demand. Maidenhair and all kinds of green stuff is very plentiful with the exception of smilax.

Various Notes.

James Niven has taken charge of John Martin's place at Ross Station and will immediately commence the erection of several greenhouses.

A visit to H. Plath's ferneries at Ocean View is a trip well worth the trouble. Over a dozen houses can be seen at their best now and the stock of ferns and palms carried at this place reflects great credit on the management.

W. G. McTear is here on a visit from Seattle. He intends to locate in the vicinity of San Francisco.

The Society of Hortensia held the usual meeting in Oakland on Saturday evening last. Several interesting papers were read.

E. D. James is on a six weeks' visit to the Lewis and Clarke Exposition at Portland.

E. Gill, of West Berkeley, has commenced rose budding. Over a quarter of a million stocks will be budded within the next month.

Chas. Abraham, of the Western Nurseries, reports a heavy spring business.

G.

THE JAPANESE GROWER.

The subject of Japanese competition is becoming a serious one to growers in California, just how serious, those who do not have it to face fail to understand. The Coast has had its Chinese question but the present one is far more difficult. There is scarcely a trade or business in which they have not secured a foothold and the labor unions have taken up the matter and, backed by some of the newspapers, are demanding a law to restrict Japanese immigration. But they are making no impression east of the mountains and to those who do not know the condition it seems preposterous to talk of excluding the subjects of the little nation which has whipped mighty Russia.

The Japanese is acquisitive to a degree. He lives to learn and then to apply his knowledge. He picks out the line of business he wishes to follow, works for the bare necessities of life until he has mastered the calling—which he does in a surprisingly short space of time—and straightway finds means to start in business in direct competition with the man who taught him how to do it. At first the Japanese confined themselves to growing outdoor stock, and they soon made that an unprofitable field for an American, at least in the vicinity of San Francisco. Now they are taking to building greenhouses and the alarm has spread.

It has been urged that the retail florists would be wise if they were to refuse to buy of the Japanese, but there is in the individual case the answer that to compete it is necessary to buy each item of stock as cheaply as does the retailer down the street, and collective action could have only one result; it would hasten the day when the Japanese will open their own retail stores.

Whenever the Japanese engages in a business he very soon makes it unprofitable for others. His standard of living is not so high as that of Americans and he will be accumulating money on a profit which is only a bare existence to the man he is crowding out. I hear of one Japanese firm which intends building four big houses for roses. They will employ a grower until they know all he knows and then they will run the place entirely with cheap Japanese labor. I understand the gardeners held

50,000 FINE
CALLA BULBS READY
The above bulbs are free from disease and are true to measurement.
1½ inches diameter....$4.00 per 100; $35.00 per 1000
2 inches diameter..... 5.00 " 45 00 "
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GET YOUR ORDER IN EARLY.
Freight prepaid at the above prices. 250 at 1000 rate. CASH.
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Grand Duchess Oxalis, Bermuda Buttercups, Amaryllis Johnsoni and Belladonna, etc., now digging Can deliver in any quantities end of June and July.
Rees & Compere P. O. Address: R. F. D. No. 1, Long Beach, Cal.
Mention The Review when you write.

Calla Bulbs!
for August delivery.
Paper White Narcissus
for fall delivery. Send for price list.
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Fine, Strong Plants, $2.00 per 100.
Chadwick, Golden Chadwick, Robinson, Bonnaffon, Morel, Intensity, Maud Dean, Shrimpton, Monrovia.
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Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

an indignation meeting in San Francisco a few days ago, but no amount of oratory will solve the problem; it will require deep thought to evolve a theory and a strong movement to put the theory into practice in this instance. B.

Vegetable Forcing.

VEGETABLE MARKETS.

NEW YORK, June 26.—Outdoor competition has put the greenhouse product practically out of the market, except that fancy cucumbers hold firm at $2.50 to $3 case.

BOSTON, June 26.—The season is practically over; lettuce, 15c doz.; cucumbers, $1.50 to $4.50 box; tomatoes, 8c to 10c lb.

CUCUMBERS.

When an early winter crop is desired, seed should be sown without much further delay. It takes about six weeks from time of seeding until the plants are large enough to be set in the beds, and about three months may be counted on from the time of setting out until the plants come into full bearing.

It is sometimes a little hard to get cucumber seeds started, especially when the fires are out and no bottom heat can be supplied. The most common cause of failure is keeping the soil too wet or planting the seeds too deep. To begin with, it is very important that good seed be secured. We often get seeds that all look plump and fine but on close examination we find that quite a few of them are but empty shells. Some seasons are worse than others for producing such seeds and no matter how carefully they may be cleaned some bad ones will slip through. The best means of detection is to press the seed between the finger and the thumb when planting and plant only those that feel plump and full. It takes very little time or trouble to do this and it often saves a good deal of disappointment.

We prefer to plant in 2¼-inch pots, putting two seeds in each. If both come, one can be pulled out as soon as they are well up. We consider it safer to plant the two seeds, as one or other of them is pretty sure to come and it saves a second planting, but if seeds were scarce one could be used in each and a few extra pots employed. The soil used should be rather moist but not wet and the seeds should be inserted with the thin, or wedge-shaped, end downwards and placed deep enough in the soil so that the upper end will be just below the level of the surface. It is better at this season not to water the pots at planting for fear of getting the soil too wet, but they may be sprinkled occasionally with a very fine rose to prevent the soil from becoming too dry.

The question of enough heat is not a serious one at this season, as even the outdoor temperature runs high enough to meet the requirements, but it should be regulated, if possible, so that it will not run much over 80 degrees in the daytime, and shade from bright sunlight is advantageous at first to prevent the soil from drying out too fast.

After the plants are up more light should be given and as soon as large enough they should be moved up to 3½-inch pots and again into 5-inch pots, as they need it. From this latter size they can be planted into the bench. This moving up should be attended to before the plants are in any way pot-bound, both to prevent injury to the roots in moving and to avoid getting the plants hard and stunted. Frequent syringing will be necessary, even when the plants are in a small state, to check the attacks of thrips, to which they are very susceptible, but it should not be roughly done as the foliage is tender and rather easily injured.

W. S. CROYDON.

WALLACE, IDAHO.

Things are very dull in this vicinity. Business is at a standstill. Gardens are full of bloom and there is no demand at present for cut flowers, other than for a few small weddings. There is no glass within a radius of 150 miles. All stock is shipped in. There is a good field here for business for the growing of roses, carnations and other flowers. Wallace is surrounded by eleven towns. Frank X. Scully was the first one to start the business here, and the people are learning very nicely. He opened December 1, 1904, with a small window and has been enlarging ever since.

Roy McLeod has started to build a house to raise vegetables, but left today to visit the Portland fair.

Mr. Anderson, plantsman for the Missoula Nursery Company, recently passed through Wallace, en route to the Portland fair.

The Markwell ranch has built a large house for raising vegetables.

Abner Fox, who has charge of the Federal Mining Company's flowers and lawns, has a large force of men at work on new flower beds.

Sheral A. Wylie, designer with F. X. Scully, spent Friday fishing on Placer creek and caught seventy nice mountain trout.

PEONIES

A large collection of the very finest varieties, including in the officinalis class the gem of all, **Tenuifolia,** or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.

Write for prices. F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

VISITED ROCHESTER.—E. A. Reeves, Cleveland, O.

THE packing house at the Titus Nursery, Auburn, Nebr., was burned June 15; loss $3,000.

C. C. MARSH, of Beaverville, Ill., writes from Cuba that his nursery interests there are developing nicely.

A MEETING to organize the cemeteries of Michigan into a state association will be held at Grand Rapids July 26.

MANY growers weré not able to sell out on California privet as closely as they would like to have done this spring.

WILLIAM A. PETERSON, Chicago, has gone to New Jersey for his annual sail on Barnegat Bay, where he will spend three wecks.

THE annual meeting of the Nebraska State Horticultural Society will be held on the grounds of C. S. Harrison, York, Neb., in July.

AN agent named George Oakman is being prosecuted for turning in to the Alpha Nursery Co., Alpha, Ill., a record-breaking lot of forged orders.

VISITED CHICAGO.—Prof. John Craig, of Cornell University, Ithaca, N. Y., who is conducting the test ground of the American Peony Society.

THE Illinois nursery inspectors are starting on their rounds. S. W. Foster has the northern, H. B. Derr the central and E. M. Wright the southern sections of the state.

PETERSON Nursery, Cottage Gardens and others have donated the premium money won at the recent peony show back to the American Peony Society, there having been a small deficit to meet.

JAMES FARQUHAR, of R. & J. Farquhar & Co., Boston, reports that the firm's nursery in Porto Rico is being rapidly brought into shape and that the climate appears to be excellently suited to the purpose.

THE SILK VINE.

I send you a spray of leaves and a few flowers of a vine I am unfamiliar with. I am a young nurseryman and have a lot to learn. Will you please give me its botanical name and also its common name and to what class of vines it belongs? The flowers are not much for size or looks, but the vine is certainly one of the finest I have seen for foliage. How may it be propagated and is it hardy? C. C. C.

This plant is Periploca Græca, commonly known as the silk vine. It belongs to the natural order asclepiadaceæ. Propagation may be effected by seeds, greenwood cuttings in summer under glass, or layers. This vigorous growing climber is well adapted for covering walls, arbors, trunks of trees, etc. P. Græca is hardy as far north as New York and even as far north as Canada if protected during winter.

W. N. CRAIG.

PEONIES.

Please tell me which are the best peonies and when to buy and plant them. S. A. P.

There are so many good peonies that it is impossible to say in any offhand manner which are the best. The purpose for which they are to be used makes some difference. For cut flowers probably no sort is more largely grown than the old Whitleyi, now generally catalogued as Queen Victoria. It is comparatively cheap, a good white and a fine keeper. Festiva maxima has generally been called the best white, but it costs more money and not every dealer's stock is true. At the recent peony show in Chicago everyone liked Marie Lemoine and Couronne d'Or. A well liked pink is Lady Bramwell. Delicatissima is another good one, and a still lighter is Golden Harvest. The best red is very late. It is Richardson's Rubra superba. At the Chicago show a better and earlier one was shown as Lee's Grandiflora rubra, but this is not on the market. There are dozens of other good sorts, but you will not go amiss on these.

As with everything else, it is wise to buy peonies early. Put in your order in July or August for shipment in September. Early orders should mean best stock and September planting will insure the plants becoming well established before cold weather. H. O.

DWARF BOX!

8 to 5 inches, $25.00 per 1000. 2 to 4 inches, $20.00 per 1000.
SPECIMEN EVERGREENS in assortment. Prices upon application.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

VAN DER WEIJDEN & CO.
THE NURSERIES, BOSKOOP, HOLLAND.
Wholesale Growers and Exporters of all kinds of Nursery and Florists' Stock. Hardy plants and shrubs for outdoor planting. Fine ornamental stock for landscape work. H. P. Roses, Crimson Ramblers, Climbing Plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices.
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YOU CAN PLANT AT ANY TIME
Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.

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Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
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Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
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IMPORTANT.
We are growing 500,000 Roses of the best leading varieties of Hybrid Perpetuals, Hybrid Teas and Climbers in 2-inch pots. Prices low if orders are given now for next spring's delivery.
A large assortment of Shrubs and Evergreens for transplanting. Do not wait. Let us book your order now. You will save money.
The Elizabeth Nursery Co., Elizabeth, N. J.

PEONIES 200 Choicest Varieties Large Stock.
LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES. 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
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30 ACRES HARDY
Herbaceous Plants
Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
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Large Runs of
Catalogues Our Specialty. Get our figures.
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SURPLUS ROSE PLANTS!

300	Mme. Chatenay, 3½-inch	Own Root	$8.00 per 100
1000	Perle des Jardins, 3-inch		7.00 "
500	Gen. MacArthur, 3-inch		8.00 "
500	Gen. MacArthur, 2½-inch		6.00 "
300	Mildred Grant, 3-inch		10.00 "
300	Papa Gontier, 3-inch		7.00 "
1000	Bridesmaid, 3-inch		5.00 "
500	Brides, 3-inch		5.00 "

400 Mme. Hoste, grafted 3-inch ..... $8.00 per 100

JOHN BREITMEYER'S SONS, -- DETROIT, MICH.

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BEGONIA GLOIRE de LORRAINE

2-in. stock, ready for a shift, $12.00 per 100.

BEGONIA TURNFORD HALL

2-in. stock, $15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

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GERANIUMS...

4-in. pots, in bud and bloom, $6.00 per 100; 3-inch, $4.00 per 100.
Lobelias, 2½-in., bushy plants, $1.50 per 100.
Coleus, 10 varieties, 2½-in. pots, $1.50 per 100.
Begonias, 20 varieties, 2½-in., $3.00 per 100; 3-inch, $5 00 per 100.
Verbenas, fine plants, 3-in. pots, $3 00 per 100.

G. W. RENARD, AVONDALE, PA.

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SURPLUS STOCK A BARGAIN

Field clumps, Bellis, $1.00 per 100; $7.00 per 1000. Lobelias, Thunbergias, Marigolds, Verbenas, Dusty Miller, $1.00 per 100. German Ivy, Heliotropes, Coleus, 3-inch, $2.00 per 100. Princess of Wales Violets, field clumps, $4.00 per 100. Cash.

I. MERWIN RAYNER, GREENPORT, N. Y.

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ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30 00 per 1000. Strong plants ready for immediate planting.

BOUVARDIA Single pink, white and red. 2½-in. pots, $4.00 per 100: $35.00 per 1000. Good stock.

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ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1 50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

...YOU WILL FIND...
ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

ROSES

Bargain Prices while They Last.

Thia stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch Smilax.

17,000 Bridea, 2¼-inch pots, per 1000, $20.00.
32,000 Maids, 2¼-inch pots, per 1000, $20.00.
5.000 Meteors, 2¼-inch pots, per 1000, $20.00.
2,000 American Beauties, 3-inch pots, very fine, per 1000, $70.00.
2.000 Brides, 3-inch pots, per 1000, $30.00.
250 at 1000 rate.

CHRYSANTHEMUMS

2¼-inch pots. Stock very fine.

Glory of Pacific	Polly Rose
Ivory	J. K. Shaw
H. Parr	Halliday
Maud Dean	Mrs. J. Jones
$3.00 per 100.	
Josephine	Chadwick
Nagoya	$4.00 per 100.
Chautauqua Gold, $6.00 per 100.	
Dr. Enguehard	Wm. Duckham
$8 00 per 100.	

Lake View Rose Gardens,
JAMESTOWN, N. Y.

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Asparagus

	Per 100
4-in. Asparagus Plumosus Nanus	$10.00
Asparagus Plumosus Nanus, seedlings, $12.00 per 1000.	
2-in. Cyclamen, in 5 separate colors	4.00

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

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Asters—Carlson's white, strong, 50c per 100.
Pansies—Choicest strains, transplanted stock, $3.00 per 1000.
Cabbage—E. J. Wakefield, $2.00 per 1000.
Cabbage—Succession from seed bed, $1.50 per 1000
Tomato—Dwarf Champion, $2.50 per 1000.
Tomato—3000 strong transplanted Beauty, extra fine, $5.00 per 1000; the lot for $12.00.

F. GRISWOLD, Worthington, Ohio.

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SCARLET SAGE,

From 2-inch pots	$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2.00 "
Vinca Variegata, 2-inch pots	2.00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

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FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York

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Decoration Day Is Over

Fill your houses with stock that grows into money while you sleep.

Araucaria Excelsa

Arrived, 3,000 on May 1, per steamer Etonian, and 2,000 on May 30. per steamer Oxonian, of the choicest, grown for me under contract by an **Araucaria Specialist** in Belgium. I must say for the benefit of my customers that never before have they been so nice, large and well-grown for the money as they are this year. herewith quote you special low prices:

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25 to $1.50 each.
Araucaria Excelsa Glauca. 75c to $1.00 each.
Kentia Forsteriana, 30 to 36 inches high, 4 years old, $1.00; 4 years old, 25 to 30 inches high, 75c each. Belmoreana, 4 years old, 25 to 30 inches high, $1.00 each. (Above is the size entered in the Philadelphia Custom House).
Ficus Elastica, imported, 4-inch, $25.00 per 100, ready now.

BEDDING PLANTS.

Heliotropes, blue, 4-in., $6.00 per 100. **Scarlet Sage,** Clara Bedman, 4-in., $7.00 per 100. **Begonia Vernon,** red and pink, 4-in., $7.00 per 100. **Cobaea Scandens,** 4-in., $8.00 per 100.

Coleus, Golden Bedder, Verschaffeltii and Queen Victoria; **Aster** Victoria; Verbenas, Phlox Drummondii and Dwarf Petunias, $3.00 per 100. California Giant Petunias, Scarlet Sage, Begonia Vernon; Ageratum, blue, 3-in. pots, $5.00 per 100.

Don't forget that I am the Moonvine grower of the land. Only **A. W. Smith's Hybrid Moonvines,** (Ipomaea Noctiflora) is exclusively the one I grow and is the only true Moonvine in America, as Mr. Smith has the world-wide reputation of growing the best Moonvine seed. Please bear in mind that this is no morning glory like so many sell for Moonvines but the pure white waxy moon flowers as large as saucers. 2½-inch pots, $5.00 per 100; 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100. Nicely staked up.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

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200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3 00 per 1000. Pansies, in bud and bloom, $1.00 per 100; $8.00 per 1000 Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12 00 per 1000; R. C., 60c per 100; $5 00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100. Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8 00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**

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ROSES! From 2 1-2 Inch pots.

Special UNCLE JOHN, CHATENAY, KAISERIN, reduced to $3.00 per 100; $25.00 per 1000.

	Per 100	Per 1000
ROSALIND ORR ENG.	$25.00	$200.00
AMERICAN BEAUTY	5.00	40.00
LA DETROIT	$6.00	$50.00
PERLE von Godesberg	5.00	40.00
LIBERTY	$5.00	$45.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00

AMERICAN BEAUTY—Bench plants ..... $5.00 per 100; $40.00 per 1000
BRIDESMAID AND PERLE—3-inch pots ..... 5.00 " 40.00 "

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

FORT WAYNE, IND.

W. J. & M. S. Vesey are very well pleased with the way their new variegated carnation, Glendale, has done the past season and particularly with the way it is holding up this extremely hot weather. It is giving long, strong stems which carry the flower splendidly; the color is as good as at any time in winter and the size is well held, the flowers are of good substance and possess an exceptional shipping and keeping quality. The plants have given a good, steady cut all winter, are apparently entirely free from disease, of vigorous, rapid growth and no burst calyxes have been seen, even in the coldest weather. The originators consider it by far the best variegated carnation to date and the judges at the World's Fair, Chicago, Detroit and Buffalo shows during the past season gave it first premiums.

Arrangements have been made between W. J. & M. S. Vesey and the Chicago Carnation Co. to jointly introduce Glendale in 1906. A considerable stock has been worked up, part to be grown at each place.

JACKSONVILLE, FLA.

C. D. Mills has built two houses this season, each 30x70, to be planted with carnations. He is at present planting on the streets of Jacksonville 500 sabal palms. The plants are from ten to fifteen feet high and from eight to eighteen inches in diameter. Some of them weigh as much as half a ton, and none weighs, with its ball of earth, less than 300 pounds. Mr. Mills says bedding plants sold unusually well this spring. All stock is looking well now. He has considerably increased his planting of chrysanthemums and is looking forward to a very good season next winter, when the city will be full of northern people.

Lexington, Ky.—W. S. Bell had a very large wedding decoration at Beanry, W. Va., June 20.

Auburn, R. I.—J. H. Smith says that stock and trade are good for this time of the year. The season has been especially favorable for outdoor stock and at Roger Williams park the shrubs and bedding look fine.

Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.
Write for prices.

JOHN YOUNG, 51 W. 28th St.
Telephone 4463 Madison New York City
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ROSES! STEVIAS!

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Am. Beauties.	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gates	$2.50	$20.00	$4.50	$40.00
Bridesmaids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for FINEST CUT ROSES, CARNATIONS, ETC.
Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO., - MORTON GROVE, ILL.
Cut Flower Salesroom, 35-37 Randolph St., CHICAGO.

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Killarney

The best paying, forcing rose ever grown. 2000 2½-inch grafted stock, $20.00 per 100; $175.00 per 1000. 500 at 1000 rate. This is the last offer this season.

Siebrecht & Son, Rose Hill Nurseries, New Rochelle, N. Y.

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Surplus ROSE PLANTS

BRIDES, BRIDESMAIDS AND METEORS
2¼-inch, $22.50 per 1000. 3-inch, $30.00 per 1000.
Cuttings were all made from carefully selected wood. Well worth the price.
Call and see them.

L. B. CODDINGTON, - Murray Hill, N. J.

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Roses We can ship promptly, any of the following roses:

	2x2½-in.	2½x3-in.
Bride	$2.50	$3.50
Maid	2.50	3.50
Golden Gate	2.50	3.50
Ivory	2.50	3.50
Meteor	3.00	4.00
Souv. de Wootton	3.00	4.50
Kaiserin	3.00	4.50
Perle	3.00	4.50
Belle Siebrecht	3.50	4.50
La France	3.50	4.50
President Carnot	3.50	4.50
Gen. MacArthur	6.00	7.50
La Detroit	6.00	7.50
American Beauties	6.00	8.00

Do you want any plants of the following? **Sweet Alyssum, Ageratum, Santolina, Salvias, Coleus, etc. If so, write**

GEO. A. KUHL, PEKIN, ILL.

Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

AMERICAN BEAUTY

	Per 100.	Per 1000.
Plants from bench	$3.50	$30.00
Fine stock from 3-in. pots.		
AMERICAN BEAUTIES,	4.00	35.00
MAIDS	3.50	30.00
BRIDES	3.50	30.00
GOLDEN GATES	3.00	25.00
IVORY	3.00	25.00
CHATENAY	3.50	30.00
LIBERTY	4.00	35.00

GEORGE REINBERG

Wholesale Grower and Shipper of
CUT FLOWERS,
51 Wabash Ave., **CHICAGO**

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SURPLUS STOCK
—OF—
Rose Plants

Grafted Brides and Maids, 4-inch pots; own roots—Brides and Maids, 4-inch pots; Perle, Chatenay, Gen. MacArthur, Cusin, all in 4-inch pots. Let us give you prices on your orders.

PITTSBURGH ROSE & CARNATION CO.
Crystal Farm, Gibsonia P. O., Pa.

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Something You Want Now
SURPLUS ROSES

in 4-inch pots.

1000 GOLDEN GATE
1000 IVORY
600 BRIDE

will close them out at $4.00 per 100.

J. W. Dudley & Son, Parkersburg, W. Va.

3000
Boston Market
From 2 1-4 Inch Pots

We have the above Carnations well established and with proper attention will make good plants by planting time. $2.50 per 100.

GERANIUMS — B. Poitevine, Mrs. E. G. Hill, J. Viaud, fine plants from the bench, 12-in. high, fine for fall cuttings, $6.00 per 100. Cash.

The W. T. Buckley Co., Springfield, Ill.

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Brides and Maids

3-inch pots, $3.50 per 100.

AMERICAN BEAUTY

Plants, 3-inch pots, $4.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

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ROSES...

800 Brides, 3-inch.....$5.00 per 100
800 Liberties, 4-inch.....10.00 per 100
800 Liberties, 2-year old, from bench, 5.00 per 100
Sample on application.

EUGENE WEISS, 61 North 8th St., PHILADELPHIA

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The Beautiful Pink Carnation

Candace

Dissemination 1906. Early. Commercial.

$ 2.00 per doz.
12.00 per 100
100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO.
and JOHN HARTJE, Indianapolis, Ind.

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ROSES for Immediate Effect

Haven't you in your trade a call for large, strong Rose plants, such as will give immediate results? We have prepared for June planting a stock of strong two-year-old plants, all on own roots, except where noted and while they last will close them out at the extremely low price of **$15.00 per 100; 25 or more at 100 rate;** no charge for packing. These Roses can be placed in the open ground during this month and will give a profusion of flowers throughout the entire growing season. They are worth just twice as much as we are asking for them, and they can be depended upon to produce the goods. They are well foliaged, have strong working roots and are now in 4 and 5-inch pots.

The Collection Includes a Wide Range of Varieties and Colors, Teas and Hybrid Teas

such as Meteor, Henry M. Stanley, Kaiserin Augusta Victoria, Marie Guillot, White Maman Cochet, Coquette de Lyon, Pink Soupert, Clothilde Soupert, Golden Gate, White Golden Gate, The Queen, Ma Fillette, Helena Cambier, Yellow Soupert, Mme. Jules Grolez, Striped La France, Yellow La France Bridesmaid, The Bride, Mme. Welche, Duchess of Albany, Mme. Abel Chatenay, Marie Lambert.

CLIMBERS—Crimson Rambler, Yellow Rambler, Climbing Clothilde Soupert and Cherokee.

HYBRID PERPETUALS—Coquette des Blanches, Perle des Blanches, Perfection des Blanches, Mme. Gabriel Luizet and Merveille de Lyon.

Margaret Dickson, budded 5-inch pot plants, $25.00 per 100.

Soleil d'Or, budded, 5-inch pot plants, $25 00 per 100.

BABY RAMBLER—Ever-blooming Dwarf Crimson Rambler. A gem among Roses. Always in bloom. Every Florist in the land should have it. **2¼-inch pot plants, now ready for delivery, $2.50 per doz.; $15.00 per 100: $125.00 per 1000.**

MISCELLANEOUS PLANTS in 2½-inch pots.

Asparagus Sprengeri.....4c each	Yellow Alternantheras.....3c each
Asparagus Plumosus.....5c each	English Ivy.....4½c each
Flowering Begonias, assorted, named varieties.....3½c each	Sweet Scented Geraniums.....4c each
Fuchsias, named varieties.....4c each	English Clematis, six kinds, including Jackmani, strong, two-year, imported roots.....20c each
Boston Fern.....4c each	Kentia Belmoreana Pa'm, 3-in. pots.10c each
Sword Fern.....4c each	Areca Lutescens. 3-inch pots.....10c each
Carnations—F. Joost, E. Crocker, Queen Louise.....5c each	

Ask for catalogue; free. Address

THE DINGEE & CONARD CO.

Established 1850. 70 Greenhouses. Rose Growers, West Grove, Pa.

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OLD BEAUTY PLANTS
FOR SALE

Choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 per 1000, at Hinsdale, Ill.

BASSETT & WASHBURN

Office: 76 Wabash Ave., CHICAGO.

Greenhouses: HINSDALE, ILLINOIS.

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J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address

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GOOD ROSES

Clean, Strong Plants, not culls or rejects.

	2½-in.	3-in.	4-in.
Brides, Meteors, Golden Gates	$2.50	$4.50	
Maids		4.50	
American Beauties, choice		6.00	$10.00
Hermosa, C. Soupert, fine	2.50	5.00	8.00

FERNS! ASPARAGUS!

Choice Boston Ferns, 6-in., 50c; 7-in., 75c; 8-in., $1.00 each.

Asparagus Plumosus, in fine shape to retail at 100 per cent profit, 4-in., $15; 5-in., $25. Sprengeri, 3-in., $5.00; 4-in., $8.00.

W. H. GULLETT & SONS, LINCOLN, ILL.

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FIRST-CLASS ROSES FOR SALE

3½-inch pots, $6.00 per 100.

BRIDE,	HOSTE,
BRIDESMAID,	SUNSET,
PERLE,	SUNRISE,
METEOR,	GOLDEN GATE,
CHATENAY,	IVORY.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

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KANSAS CITY.

The Market.

The warm weather does not seem to have any effect upon the flower trade, as the past week has been one of very good business. Roses are of very poor quality and can only be used in designs and funeral bunches. There has been a good demand for Beauties this week and they have brought good prices. Carnations are fair and have the preference over roses for all occasions. Sweet peas are here in large quantities. Nasturtiums, Shasta daisies, cornflowers and coreopsis are finding ready sale and are arriving in large quantities. Large wedding decorations are less frequent but there are a number of smaller ones that keep things going. Plant trade is over, stock out in the field and the growers are rebuilding, some very extensively.

Various Notes.

Ed. Ellsworth, with Geo. M. Kellogg, is doing quite a trade in the wholesale line and is able to dispose of his large stock.

The Alpha Floral Co. reports business as very good and has added quite a number of improvements to the store.

Nelson Jarrett says he has sold everything of a salable nature at his place and is looking out for stock plants for next season.

Quite a number of large funerals the past week furnished work for all and some very handsome designs were seen, showing a vast improvement over former years.

W. H. Humfeld is still busy and a look into his place shows that there must have been good business during the spring trade.

Jacob Tobler, of Westport, says he has sold out about all he had and is contemplating building some additions to his place this summer.

Julius Seyler, formerly employed by Geo. M. Kellogg, died at the hospital here from typhoid fever. Mr. Seyler was about 28 years of age and had been employed by Mr. Kellogg about seven months.

The Kansas City Floral Co. has employed Charles Black as bookkeeper, the business necessitating additional help. Mr. Black has been associated with Mr. Shaeffer a number of years.

Narcissus.

PALMS, FERNS and all Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

CHAS. H. TOTTY,
Wholesale Florist
MADISON, N. J.
Mention The Review when you write.

Miscellaneous Plants 2¼-in. stock; A1 condition.

	Per 100	1000
Ageratum, Stella Gurney, 40c per doz.	$2.00	$17.50
Alternanthera, red and yellow	2.00	15.00
Alyssum, giant double, 40c per doz.	2.00	17.50
Coleus, good varieties	2.00	15.00
Ficus Elastica, $2.00 per doz.		
Hardy Chrysanthemums, small flowering varieties	2.00	17.50
Hardy Chrysanthemums, large-flowering varieties	3.00	20.00

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Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
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Ageratums, blue, 2¼-in., fine, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Ageratums, 2 vars., 2¼-in. pots, $2.50 100.
S. S. Peckham, New Bedford, Mass.

Ageratum, $2.50 100.
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Alternantheras, red, yellow and pink, 2½-in., $1.25 per 100; $12.00 per 1000. Cash.
T. G. Arnold, Hanlin Station, Pa.

Alternantheras and coleus, red and yellow, extra strong, 2-in., $1.25 per 100.
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Alternantheras, red and yellow, 2¼-in., $2.00 per 100. Satisfaction guaranteed.
H. J. Huesman, Reading, Pa.

Alternantheras, yellow and red; 2¼-in., $2.00 100; $15.00 1000. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, yellow, 2-in., $1.50 per 100; $14.00 per 1000. C. Winterich, Defiance, Ohio.

Alternantheras, 2¼-in. pots, $2.50 100. Cash.
S. S. Peckham, New Bedford, Mass.

Yellow alternantheras, 2½-in., 3c each.
Dingee & Conard Co., West Grove, Pa.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

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Alyssum, giant double, 2¼-in., 40c doz., $2.00 100; $17.50 1000.
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Alyssum, $2.50 100.
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Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
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Ampelopsis Veitchii, from 4-in., 12c.
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Araucaria excelsa, a real splendid lot, $9.00, $12.00, $15.00, $18.00 and $24.00 doz. Cash.
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Asparagus plumosus, 2-in., $3.50 to $5.00; 3-in., $5.00 to $8.00; 4-in., $15.00; 5-in., $25.00 100. Sprengeri, 2-in., $2.50 to $3.50; 3-in., $3.50 to $5.00; 4-in., $10.00; 5-in., $25.00 100.
Geo. A. Kuhl, Pekin, Ill.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
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30,000 Asparagus plumosa and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
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Asparagus plumosus, 2-in., 40c per doz.; $2.50 per 100. Sprengeri, extra strong, 2½-in., 50c per doz.; $3.00 per 100.
Harmon & Henderson, Iola, Kan.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
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Asparagus Sprengeri, extra strong plants ready for shift, 4-in., $6.00 100; 5, 6 and 7-in., mixed, $1.30 doz.
Herms Floral Co., Portsmouth, O.

Asparagus plumosus, 2-inch, bushy, $3.00 100. Sprengeri, 4-inch, bushy, $10.00 100; 2-inch, bushy, $2.00 100.
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Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
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Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

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Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus Sprengeri and plumosus, 2-in., $2.50 100. Plumosus, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, extra heavy, strong enough for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Asparagus Sprengeri, 2-in., $2.50 100: seedlings, $1.00 100. Prepaid.
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Asparagus plumosus nanus, 4-in., $10.00 100; seedlings, $12.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus Sprengeri, 2½-in., 4c each; plumosus, 2½-in., 5c each.
Dingee & Conard Co., West Grove, Pa.

Asparagus plumosus, one year, bench-grown plants, $5.00 100.
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Asparagus plumosus. Good stock.
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Asparagus plumosus nanus, strong seedlings from flats, $1.25 per 100; $10.00 per 1000. Postpaid.
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ASPARAGUS PLUMOSUS NANUS,
Cut strings, 50 cents each.
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Asparagus plumosus, very strong, 3½-inch, $12.50 100. John Wolf, Savannah, Ga.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Astera. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
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Transplanted astera. Semple's, mixed colors, and Carison's mixed colors, 50c per 100; $4.00 per 1000. T. C. Breece, West Berlin, Ohio.

Asters, early and late, in separate colors and mixed, field-grown, $2.50 per 1000; transplanted, $3.00 per 1000. Cash. E. Fryer, Johnstown, Pa.

Asters, Carlson's White, strong, 50c 100.
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Variegated banana (Musa zebrina), well marked plants, $1.75 doz.
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Bedding plants, all well-grown stock. Alternanthera, red, yellow, 2-in., $2.50 100. Alyssum, double sweet, 2½-in., $2.50 100. Coleus, Firecrest, Queen Victoria, 2-in., $2.50 100. Salvias, 2½-in., $2.50 100. Verbenas, assorted, 2½-in., $2.00 100. Nasturtiums, dwarf, assorted, 3-in., $3.00 100. Cannas, Burbank, Queen Charlotte, Chas. Henderson, A. Bouvier, Italia, 3½-in., $6.00 100. Geraniums, in bud and bloom, scarlet, dark red, salmon, pink, white and rose, all double, 3½-in., $6.00 100. Hydrangea Otaksa, in bloom, 5-in., 25c each. English ivy, 3 ft., 3½-in. pots, $8.00 100; 6 ft. and over, extra strong, $25.00 100. Honeysuckle, Japan Golden, monthly, fragrant, 4-in. pots, $8.00 100.
John M. Cook, Glenville Nurseries, White Plains Road, Tarrytown, N. Y.

Surplus stock—Caladium esculentum, 4-in., 6c; 5-in., 10c; rose geraniums, salvias, heliotropes, lemon verbenas, Phlox Drummondi, 4-inch, $6.00 100; Centaurea gymnocarpa, zinnias, Marguerite carnations, 2-in., $2.00 100; alternanthera, red and yellow, $1.50 100; 3,000 Echeveria secunda glauca, $3.00 100; 300 fuchsias, assorted, $6.00 100; 2,500 geraniums, dark red, scarlet, bronze, silver leaf, Mme. Salleroi; 500 cannas, mixed.
CHARLES L. STANLEY, Plainfield, N. J.

Surplus bedding stock. Per 100: Ageratum, 3-in., $2.50. Lantanas, 3-in., $4.00. Heliotropes, 3-in., $4.00; 4-in., $6.00. Impatiens Sultani, 3-in., $4.00; 4-in., $6.00. Lobelias, 2¼-in., $1.75. Coleus, 2¼-in., $1.75; 3-in., $3.00 Vinca variegata, 2½-in., $2.50.
German ivy, 2½-in., $2.00. Alternantheras, 2 and 2½-in., $2.00; Alternanthera brilliantissima, $3.00. Dusty Miller, 2¼-in., $1.75. Mme. Salleroi, 2½-in., $2.50; 3-in., $4.00. Cash or C. O. D.
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Bedding plants, special prices, fine stock. Cash.

Geraniums, 4-in. pots	$6.00 100
Salvias, 2-in. pots	2.00 "
Coleus, 2-in. pots	2.00 "
Begonias, 3-in. pots	6.00 "
Gazanias, 3-in. pots	4.00 "
Lobelias, 2-in. pots	2.00 "

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Geraniums, leading varieties, 4-in., $8.00 100. Heliotropes, 3 and 4-in., $5.00 and $7.00 100. Coleus Verschaffeltii and G. Bedder and 8 other varieties, $2.00 100. Feverfew and verbenas 2½-in., $2.50 100. Lobelia, dwarf and tall, 2½ in., $2.25. Alyssum, 2-in., $2.00 100. Alternantheras, red and yellow, $2.00 100. Cash.
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To clean up the balance of about 8,000 geraniums, salvia, vinca, feverfew and ten-week stocks, all in very fine condition, at $5.00 100, all in 4-inch pots.
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Geraniums, coleus and general bedding stock in large quantities. Write.
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We have a full line of good stock.
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Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in. stock, ready for a shift, $12.00 100. Begonia Turnford Hall, 2-in., $15.00 100.
Julius Roehrs Co., Rutherford, N. J.

Begonia Gloire de Lorraine, very healthy stock, 2¼-in. pot, $15.00 100. Cash.
Fred Rose, Bayside, L. I., N. Y.

Flowering begonias, assorted named varieties, 2½-in., 3½c each.
Dingee & Conard Co., West Grove, Pa.

Begonias, 10 varieties, 2½-in., $3.00 100; 3-in., $5.00 100. G. W. Renard, Avondale, Pa.

Flowering begonias, named, $2.50 100.
National Plant Co., Dayton, O.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houttē Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2¼-in., $2.00 100; $17.50 1000. C. R. Hills, Grand Rapids, Mich.

BOUVARDIAS.

Bouvardias, single; pink, white, red, 2½-in., $4.00 100, $35.00 1000. Good stock.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

BOXWOOD.

Dwarf box, 3 to 5 in., $25.00 1000; 2 to 4 in., $20.00 1000. Hiram T. Jones, Elizabeth, N. J.

BULBS.

Philadelphia, Pa., January 17, 1905.
H. H. Berger & Co.,
47 Barclay Street, N. Y.

Gentlemen: You shipped us last August 10,000 Lil. Harrisii. Your price was considerably lower than any one else, but we must say that your stock was equally as good. We forced a large quantity of your stock for Christmas and did not have enough to fill orders, all our customers stating that they were as fine as any they had ever seen. We must say that we are very well satisfied with the stock you sent us, and will again give you the greater part if not all of our order next season.

Yours very truly,
THAD. N. YATES & CO.

Ready for delivery, end of July.

5x 7, 100,	$3.75.	Case 400 bulbs.....	$14.50
6x 7, 100,	4.50.	Case 300 bulbs.....	12.50
7x 9, 100,	7.00.	Case 200 bulbs.....	13.00
9x11, 100,	16.00.		

We have only ONE KIND of Lilium Harrisii and that the best. We do not divide the stock in two sorts.

Ready—FREESIAS, pure white.
H. H. Berger & Co., 47 Barclay St., New York.

SPECIAL OFFER,
GLADIOLUS BULBS
IN SPLENDID CONDITION,
75c per 100; $5.00 per 1000.
Composed of Groff's hybrids, pink shades; Brenchleyensis, white and light shades; and our famous Floracroft strain. Only 10,000 to offer; write at once if you want them.
JOHNSON & STOKES,
217-219 MARKET ST.,
PHILADELPHIA, PA.

Our THREE-LEG brand of Bermuda Easter lilies gives so much more satisfaction than other stocks; being freer from disease and the true Harrisii, it is recommended to all florists requiring reliable stocks at moderate prices. For sizes and prices see display adv. in this issue. We shall be pleased to quote you price on all other bulbs.
Clucas & Boddington Co., 131 West 23rd St., New York.

Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
R. Fischer, Great Neck, L. I., N. Y.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi, write for prices, stating number wanted.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs, 1,000,000, all 1½-in. diameter, and every bulb guaranteed a perfect crown. Write for prices.
Johnson & Musser Seed Co., Los Angeles, Cal.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Our catalogue of Guernsey grown bulbs is now ready. Let us send you it before you order elsewhere. N. Le Page, Mt. Vernon, N. Y.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Mail us your bulb requirements and avail yourself of our special prices.
Johnson & Stokes, 217-219 Market St., Phila.

Dutch bulbs. Special quotations on receipt of quantities required.
Franken Bros., Lake Forest, Ill.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CAMPANULAS.

Canterbury bell, assorted, 3-in., $3.00 100. Cash. R. G. Hanford, Norwalk, Conn.

CANNAS.

CANNAS. Several hundred fine plants of Parthenope, Burbank, and Alemannia; large plants from 4-in. pots, $5.00 per 100. Alemannia and Burbank, large plants from sand, $2.00 per 100. Other varieties in smaller quantities. Morton's Evergreen Lodge, Clarksville, Tenn.

Cannas. F. Vaughan and Duke of Marlborough, 4-in., strong, $6.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

Cannas. Henderson, Vaughan, Alsace, Charlotte, strong, 4-in., $6.00 per 100.
H. J. Huesman, Reading, Pa.

Cannas F. Vaughan, Berat, Chicago, etc., to name, 4-in., $5.00 per 100. Cash.
T. G. Arnold, Hanlin Station, Pa.

CARNATIONS.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Carnations. Queen Louise, $2.00 100, $20.00 1000; Joost, $2.00 100, $15.00 1000. Fine from flats to plant. Cash.
Benj. Connell, West Grove, Pa.

Boston Market from 2¼-in. pots, well established, will make good plants by planting time, $2.50 100. Cash.
W. T. Buckley Co., Springfield, Ill.

Carnations F. Joost, E. Crocker and Queen Louise, 2½-in., 5c each.
Dingee & Conard Co., West Grove, Pa.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

CENTAUREAS.

Centaurea, dusty miller, extra fine, 3-in., $2.50 100; a bargain; cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Centaurea dusty miller, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

CHRYSANTHEMUMS.

Chrysanthemums, nice, thrifty stock.
White—Polly Rose, Ivory, Pullman, Mrs. H. Weeks, Eaton.
Pink—Opah, Pacific, J. K. Shaw, P. Ivory, Minnie Bailey, Coombes, Liger.
Yellow—Monrovia, Halliday, Mrs. O. P. Bassett, Appleton, Nagoya, G. Wedding, Mrs. E. D. Smith.
Rooted cuttings, $1.50 per 100; 2½-in., $2.50.
Dr. Enguehard, Duckham, Neville, Uncle John, Mrs. Nathan Smith, $4.00 100.
H. Piggott, 2311 Pearl St., Cleveland, O.

Chrysanthemums Polly Rose, Ivory, White Jones, Pacific, Estelle, Halliday, $1.00 per 100. Nellie Pockett, Marie Liger, Alice Byron, Marion Newell, $1.50 per 100. Cash with order.
E. Fryer, Johnstown, Pa.

Chrysanthemums, fine, strong plants of Chadwick, Golden Chadwick, Robinson, Bonnaffon, Morel, Intensity, Maud Dean, Shrimpton and Monrovia, $2.00 100.
Hoyt Bros., 807 Riverside Ave., Spokane, Wash.

CHRYSANTHEMUMS.

We have ready to ship, out of SOIL, the following varieties, all good stock:

Pink.	100	White.	100
Duckham	$3.00	Estelle	$2.00
Pacific	2.00	Kalb	2.00
M. Newell	2.00	Robinson	2.00
Cobbold	3.00	Polly Rose	2.00
Liger	2.00	Wanamaker	2.00
Murdock	2.00	White Bonnaffon.	2.00
Yellow.		Merry Xmas	2.00
Monrovia	2.00	Red.	
Appleton	2.00	Oakland	2.50
Golden Beauty	2.00	M. Labbe	2.50
Vallis	3.00	Black Hawk	2.50
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Write for 1000 rates.
WIETOR BROS., 51 Wabash Ave., Chicago.

5,000 fine surplus plants, strong, bushy stock, in 2 and 2½-in. pots. W. Duckham, Alice Byron, Mrs. Coombes, Monrovia, Marion Newell, etc., $3.00 per 100. Dr. Enguehard, best pink to date, $4.00 and $5.00 per 100. 500 in 10 to 20 varieties, my selection, special price. Write for prices and varieties. Cash with order.
Gunnar Tellmann, Marion, Ind.

Hardy pompons, 10 named varieties, also the following chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific, Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, $2.50 100. Cash.
National Plant Co., Dayton, O.

Chrysanthemums Merry Christmas, Wm. Duckham, Dr. Enguehard, Sinclair, Bonnaffon, Ivory, Pink Ivory, Maud Dean, Alice Byron, Philadelphia, Jerome Jones, Glory of Pacific, Polly Rose, Pink Jones. Out of pots, $3.00 100, if a number of varieties are taken.
H. W. Field, Northampton, Mass.

Chrysanthemums, 2¼-in. pots, stock very fine. G. Pacific, P. Rose, Ivory, J. K. Shaw, H. Parr, Halliday, Maud Dean, Mrs. J. Jones, $3.00 100. Josephine, Chadwick, Nagoya, $4.00 100. Chautauqua Gold, $6.00 100. Dr. Enguehard, Wm. Duckham, $8.00 100.
Lake View Rose Gardens, Jamestown, N. Y.

Rooted chrysanthemum cuttings. Black Hawk, Cullingfordii, Eaton, Mrs. J. Jones, W. Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Lager, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.
Olson & Lunden, Plantsville, Conn.

Rooted chrysanthemum cuttings, $10.00 1000.

Mme. Bergman	October Sunshine
Opah	Pink Ivory
Willow Brook	Major Bonnaffon

From 2-in. pots, $2.00 100; $15.00 1000, same varieties. Eli Cross, Grand Rapids, Mich.

Chrysanthemums. William Duckham, Nellie Pockett, Bonnaffon, Mrs. J. Jones, Willowbrook, Robt. Halliday, Pacific, Estelle, Mrs. H. Robinson, 2¼-in. pots, fine plants, $2.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
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Chrysanthemum EASIGOLD, the new early yellow, easy to grow and easy to sell, $8.00 100; $60.00 1000. Fletcher, Auburndale, Mass.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

Chrysanthemums, 30 good commercial varieties. Rooted cuttings, $1.00 per 100, $9.00 per 1000. Krueger Bros., Toledo, O.

A few hundred nice plants of White Bonnaffon and Col. Appleton, 3c each.
John Wolf, Savannah, Ga.

Hardy chrysanthemums, large plants, good varieties, 3-in., $4.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

CLEMATIS.

Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
W. H. Salter, Rochester, N. Y.

English clematis, six kinds, including Jackmani, strong, 2-yr. imported roots, 20c each.
Dingee & Conard Co., West Grove, Pa.

COBAEAS.

Cobaeas. We have about 500 extra fine plants, bushy, 5 to 6 ft. high, 5-in. pots, $10.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Cobaea scandeus, 4-in., large, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cobaea scandens, 3-in., $3.00 100.
Crown Point Floral Co., Crown Point, Ind.

COLEUS.

Coleus, Golden Bedder, Verschaffeltii, Fircrest and 10 other good sorts from 2½-in. pots. Fine for bedding; $1.80 100; $15 1000.
Springfield Floral Co., Springfield, O.

Coleus. 500 Verschaffeltii and Golden Bedder, 2½-in., fine, $2.50 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

Coleus, red, yellow and fancy varieties, 2½-in., $1.75 per 100. Cash.
T. G. Arnold, Hanlin Station, Pa.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Coleus, good varieties, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, assorted, fine large, 2¼-in., $1.50 100. Cash.
W. H. Parsil, Summit, N. J.

Coleus, 2-in., $2.00 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Coleus, mixed colors, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Coleus, 10 varieties, 2½-in., $1.50 100.
G. W. Renard, Avondale, Pa.

CUPHEAS.

Cuphea, cigar plant, 2¼-in. pots, $2.50 100; 3½-in. pots, $6.00 100.
S. S. Peckham, New Bedford, Mass.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Cupheas, fine, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
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CYCLAMEN.

Cyclamen plants. Seed taken from only selected flowers and well-built stock. None better. Once transplanted, $2.00 100, $18.00 1000; twice transplanted, $3.00 100; $25.00 1000.
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Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
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New dahlias of proven merit. All exquisite in form, shape and coloring. Send for descriptive catalogue.
L. K. Peacock, Inc., Atco, N. J.

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Foxglove, assorted, 3-in., $4.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, 4-in. pots, $10.00 100; 5-in., $18.00 100; 6-in., $25.00 100; 7-in., $35.00 100.
S. S. Peckham, New Bedford, Mass.

Dracaena indivisa, 4-in. pots, $10.00 1000; 6-in., 35c and 50c each. Cash.
H. Weston, Hempstead, N. Y.

Dracaena indivisa, 3-in., $5.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Dracaena indiva, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

ECHEVERIAS.

Quantities of echeverias at a bargain.
Levant Cole, Battle Creek, Mich.

Echeverias, $3.00 per 100.
C. Winterich, Defiance, O.

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Ferns in flats. Delivery July, 1905. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

Ferns from flats, ready July. Aspidium tensimense, in all sorts; all kinds of pteris known, cyrtomiums, oncidiums, etc. Strong plants, $1.50 per 100; $12.00 per 1000. From 2¼-in. pots, $3.00 per 100; $25.00 per 1000. 250 at 1000 rate. Send for list of ferns.
H. H. Berger & Co., 47 Barclay St., New York.

20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
R. G. Hanford, Norwalk, Conn.

Assorted ferns for jardinieres, a fine lot in all the best varieties, ready for immediate use, from 2¼-in. pots, $3.00 100; $25.00 1000. 500 at 1000 rate. Fern seedlings, $1.00 100, $8.50 1000.
Anderson & Christensen, Short Hills, N. J.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each.
F. R. Pierson Co., Tarrytown, N. Y.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000. 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns, 8-in., $1.25 each, $15.00 doz.; 12-in., $3.00 each. Japanese fern balls, in leaf, $4.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash.
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Boston ferns, fine A1 stock. We would like a trial order and will guarantee to please you. Write
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 6-in. pan, $4.00 doz.; 8-in., $10.00 doz. Piersoni, 6-in., $5.00 doz.
National Plant Co., Dayton, O.

NEPHROLEPIS BARROWSII, $25.00 100. Scottii, $10.00 100.
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Choice Boston ferns, 6-in., 50c; 7-in., 75c; 8-in., $1.00 each.
W. H. Gullett & Sons, Lincoln, Ill.

Boston and sword ferns, 2½-in., 4c.
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Boston ferns, all sizes. Write.
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Piersoni ferns in all sizes.
J. B. Braidwood, Colorado Springs, Colo.

Boston ferns, 3-in., $4.00 100. Cash.
W. H. Parsil, Summit, N. J.

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Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
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Fuchsias, named varieties, 2½-in., 4c each.
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GENISTAS.

Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
The Conard & Jones Co., West Grove, Pa.

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Geranium TELEGRAPH, the most brilliant scarlet cerise in cultivation. Extra strong 2½-in. pot plants, $6.00 100; 3-in., $8.00 100. This price for the next two weeks. Cash.
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Geranium TELEGRAPH, $1.00 per doz., $6.00 per 100. The best of the standard varieties, $2.00 per 100, $17.50 per 1000, and up. Send for descriptive catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums. A score of the very best new varieties. See classified adv. Apr. 13. A lot 2-in., $4.00 per 100. Every plant labeled. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Geraniums. B. Poitevine, Mrs. E. G. Hill, J. Viaud, fine plants 12 inches high, from the bench, fine for fall cuttings, $6.00 100. Cash.
W. T. Buckley Co., Springfield, Ill.

Geranium Mme. Salleroi, 3-in. pots, fine plants, $3.00 per 100; S. A. Nutt, strong 2¼-in., fine stock plants, $2.00 per 100.
The Stover Floral Co., Grandville, Mich.

Geraniums Ricard, Bruanti, and mixed, ten or a dozen varieties in the mixture, 2¼-in., fine, $2.00 per 100. S. M. Harbison, Danville, Ky.

A No. 1 August cuttings of geraniums out of 4-in. pots, in bud and bloom, for $8.00 per 100.
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Geraniums, 800 double Gen. Grant, 200 Poitevine, 3½ to 4-in. pots, good order, $6.00 100.
Theo. Searles, Port Chester, N. Y.

Geraniums, 4-in., in bud and bloom, $6.00 100; 3-in., $4.00 100.
G. W. Renard, Avondale, Pa.

Geraniums, single and double, standard varieties, named, $2.50 100.
National Plant Co., Dayton, O.

Mme. Salleroi geraniums, fine, bushy plants. 2½-in., $3.50 per 100.
Rode Bros., Bowling Green, O.

Geraniums, rose and scented, 4-in., $6.00 100, cash. S. S. Peckham, New Bedford, Mass.

Geraniums for stock—fancy, ivy and bedders.
Roney Bros., West Grove, Pa.

Sweet-scented geraniums, 2½-in., 4c each.
Dingee & Conard Co., West Grove, Pa.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GLADIOLI.

	100	1000
Clearance sale of prize gladioli at 33 1/3 per cent below regular rates.		
JOHNSON & STOKES' Special Mixture that means quality at a popular price	$0.65	$ 5.50
Floracroft Prize Mixture, 1st	1.00	8.50
Floracroft Prize Mixture, 2d	.75	6.50
Groff's new hybrids	1.40	11.00
Pink shades	1.00	9.00
Brenchleyensis, scarlet	1.25	10.00
Striped and variegated, mixed	2.00	18.00
White and light shades	1.40	12.00

250 bulbs at 1000 rate.
Johnson & Stokes, 217-219 Market St., Phila.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

Specimen evergreens in assortment. Prices upon application.
Hiram T. Jones, Elizabeth, N. J.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Golden Glow, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

HELIOTROPES.

Heliotrope Chieftain, a fine variety, 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Heliotrope, 2½-in., $2.00 100; 3-in. and 4-in., large, $5.00 100. Cash.
W. H. Parsil, Summit, N. J.

HYDRANGEAS.

Hydrangeas for lawns, porches, etc., 5 and 6-in. pots, fine lavender color, $35.00, $50.00, $75.00 and $100.00 100. Plants now showing color. Cash. A. Schultheis, College Point, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

IRIS.

German iris, or fleur-de-lis. Florentina, Sau Souci, Speciosa, Sir Walter Scott, $6.00 per 100. Celeste, Queen of May, Aurea, Harlequin Milanaise, $8.00 per 100. Mme. Chereau, Judith. Black Prince, $10.00 per 100. Fairy and Dalmatica, $12.00 per 100. Not less than 25 of a kind. Descriptive catalogue ready.
PETERSON NURSERY, 504 West Peterson Ave., Chicago.

IVY.

English ivy, 4-in. pots, 2 plants in pot, $8.00 per 100. English ivy, var., 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

German ivy, 2¼-in. pots, $3.00 100; 3½-in., $6.00 100. S. S. Peckham, New Bedford, Mass.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, O.

English ivy, 2½-in., 4½c each.
Dingee & Conard Co., West Grove, Pa.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LANTANAS.

Lantanas, 5 varieties, 2¼-in., $2.00 100; $17.50 1000. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

LILY OF THE VALLEY.

Get our prices on cold storage valley. We can ship every day in the year.
Clucas & Boddington Co., 131 West 23rd St., New York.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
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Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

Lily of the valley. Write
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Dwarf blue lobelias, rooted cuttings, $1.00 100, $8.00 1000; 3-in., in bud and bloom, $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
J. B. Keller Sons, Rochester, N. Y.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, 2½-in., bushy plants, $1.50 100.
G. W. Renard, Avondale, Pa.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MESEMBRYANTHEMUMS.

Mesembryanthemums, 4-in. pots, $6.00 100, cash. S. S. Peckham, New Bedford, Mass.

MOONVINES.

Moonvines, 1000 extra large, 4½-in., white, all nicely staked up, 8c each; $7.00 100. Cash with order.
Honaker, The Florist, Lexington, Ky.

Moonvines, white, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
James D. Hooper, Richmond, Va.

Moonvines, white, 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

When buying mushroom spawn buy the best. We are headquarters for "Pure Culture" spawn and importers of the best English spawn. Write us for prices and valuable information on mushroom growing. K. Gundestrup & Co., 4273 Milwaukee Ave., Chicago.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

Frequent importations best English mushroom spawn; always fresh and lively.
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We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

PALMS, ETC.

Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 100; 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
John Bader, Troy Hill, Allegheny City, Pa.

Latania borbonica for 12-in. pots, 7 to 8 character leaves, $10.00 doz. Boston ferns from lath-house, for 4-in. pots, $6.00 per 100; for 6-in. pots, $15.00 per 100. Piersoni ferns from benches, for 4-in. pots, $10.00 per 100; for 6-in. pots, $35.00 per 100. Kentia Belmoreana, surplus stock, 2-in. pots, extra strong, $35.00 per 1000. Washingtonia robusta and Phoenix canariensis of all sizes. Samples on application. Satisfaction guaranteed.
Exotic Nursery, Santa Barbara, Cal.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Pandanus Veitchii, 6-in. pots, $1.00 each; $12.00 doz. J. Welch Young, Germantown, Pa.

Phoenix, for lawns and porches, $5.00 to $14.00 pair. Kentias, from $1.00 to $20.00 each. Single plants or several in a pot, if wanted. Cash. A. Schultheis, College Point, N. Y.

Kentia Belmoreana and Areca lutescens, 3-in., 10c each. Dingee & Conard Co., West Grove, Pa.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies from field, in bud and bloom, 85c per 100. Otto Bourdy, Lowell, Mass.

Pansies, choicest strains; transplanted plants, $3.00 per 1000. F. Griswold, Worthington, O.

Pansies, extra fine, $1.25 100, cash.
S. S. Peckham, New Bedford, Mass.

PENNISETUMS.

Pennisetum Ruppellianum, 2½-in., very strong plants, $4.00 per 100.
Rode Bros., Bowling Green, O.

PETUNIAS.

Petunias, single, 2¼-in. pots, $2.50 100, cash.
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Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

PEONIES.

BUY PEONY PLANTS NOW.

Order while the list is complete. We ship September 1 and the plants will be well rooted in your grounds before any imported stock could arrive, and you will have an advantage of 20 per cent in growth. Not less than five plants of any variety at these prices. Send for retail descriptive price list. Stock guaranteed true. No charge for packing.

White.

MONT BLANC or Solfaterre, fragrant, full, divided, 35c; medium, 90c each.
FESTIVA MAXIMA, tallest paper white, divided, 45c; medium, $1.10; large, $1.75 each.
SEAFOAM, clear white, no markings, small, 60c each.
QUEEN VICTORIA, or Whitleyi, best keeper, divided, 18c each.
PAPAVERIFLORA, large full white, small, 40c each.
BOADICEA, creamy white, cup shaped, divided, 12c; medium, 35c each.
SPLENDIDA, lemon center, blush guard, divided, 20c each.
THE BRIDE, dainty blush white, divided, 20c each.

Pink.

GOLDEN HARVEST, pink guard and center, divided, 35c each.
DORCHESTER, late light pink, divided, 35c each.
PRINCESS BEATRICE, large crown pink, divided, 20c; small, 40c each.
MODELE DE PERFECTION, solid clear pink, with full crimped center, divided, 35c; 3-year, $2.50 each.
JOAN D'ARC, deep pink guard, light center, small, 25c each.
DUKE OF CLARENCE, lilac guard and center, small, 75c each.
DELICATISSIMA, delicate pink, divided, 45c; medium, $1.10 each.

Rose.

M. BARRAL, late full rose pink, small, 60c each.
MME. MUYSSART, large late deep rose, small, 40c each.
SOUV. DE G. CALOT, midseason silver pink, medium, $1.00; large, $1.50 each.

Red.

BERLIOZ, large currant red, small, 50c each.
PURPUREA SUPERBA, early deep red, small, 40c each.
MEISSONIER, very dark red without stamens, small, 40c each.
RUBRA SUPERBA (Richardson's), best latest black, small, 40c each.
Mixed White, Divided, 8c each.
Mixed All Colors, Divided, 6c each.

Explanation—Divided plants will have not less than two eyes. Plants designated small were divided last year and have one or two stalks of this year's growth; medium plants are two years old and have three to five stalks; large plants are three years old, with six to ten stalks or more. Next year a plant will have from two to three times as many stalks as this year.

PETERSON NURSERY, 504 West Peterson Ave., Chicago.

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Bailer, Bloomington, Ill.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate and other varieties, write.
GILBERT H. WILD, Sarcoxie, Mo.

Peonies, all the best varieties and many seedlings and novelties. Book orders early for fall shipments. Write for list and prices.
J. F. Rosenfield, Westpoint, Neb.

Peonies and perennials. Send 30c in stamps for peony manual.
C. S. Harrison, Select Nursery, York, Neb.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
Thos. Salveson, Petersburg, Ill.

Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
C. W. Reimers, Hite Ave., Louisville, Ky.

PRIMULAS.

Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready now, $3.00 100.
A. Jablonsky, Wellston, Mo.

Baby primrose (Forbesi) seedlings, strong, 75c per 100. Mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Primroses. Chinese obconica and Forbesi, July 10, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primroses. Chinensis, finest mixed, 2-in., $2.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica, 2½-in., $2.00 per 100. Ready now.
John Dieckmann & Co., Wheeling, W. Va.

PRIVET.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

ROSES.

Baby Rambler, true, now in 3-in., $12.50 100.

From 2½-in. pots, strongly rooted, healthy, our selection, $15.00 1000, immediate shipment: Niege, Lyonnaise, Wood, Plantier, Masson, M. Charta, Bride, Maid, Et. de Lyon, H. Gould, M. Guillot, Notting, P. and W. M. Cochet, P. Rambler, C. Soupert, Hermosa and M. Niel.

Planted Feb. and March, propagated May, potted June, now growing for fall 1905 and spring 1906 shipments: Jubilee, Diesbach, Gen. Jacqueminot, Laing, Paul Neyron, Coq. des Alpes, Roger Lambelin, Vick's Caprice, Gruss an Teplitz, Meteor, P. and W. La France, Kaiserin, Carnot, Bessie Brown, Chatenay, F. Kruger, Golden Gate, Ivory, Sunrise, Sunset, Papa Gontier, Perle des Jardins, Brabant, P. and Y. M. Cochet, Van Houtte, Cr., W. and Y. Ramblers, Cl. Meteor, Cloth of Gold, Mrs. R. Peary, La Marque, R. M. Henriette, Q. Scarlet, and varieties above named.

Which and how many shall we set aside for you?
Leedle Floral Co., Expert Growers, Springfield, O.

ROSES FROM 2½-INCH POTS.

	100	1000		100	1000
Chatenay	$3.00	$25	La Detroit	$6.00	$50
Godesberg	5.00	40	English	25.00	200
Liberty	5.00	45	Uncle John	3.00	25
Kaiserin	3.00	25	Bride	3.00	25
Ivory	3.00	25	Am. Beauty	5.00	40
Bridesmaid	3.00	25			

Bridesmaid and Perle, 3-in. pots, $5.00 100; $40.00 1000.

American Beauty, bench plants, $5.00 100; $40.00 1000.

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

GRAFTED ROSES, SURPLUS STOCK.

Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.

On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

ROSES—Continued.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

ROSES.	100 2½-in.	1000 2½-in.	100 3½-in.	1000 3½-in.
Beauties	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gate	2.50	20.00	4.50	40.00
Maids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Large, strong rose plants, 2-yr.-old, on own root, in 4 and 5-in. pots, $15.00 100; 25 or more at 100 rate, for varieties see display adv. Margaret Dickson and Soleil d'Or, budded, 5-in., $25.00 100.
Baby Rambler, ever-blooming dwarf Crimson Rambler, a gem among roses, always in bloom, now ready for delivery; 2¼-in. pot plants, $2.50 doz., $15.00 100, $125.00 1000.
Dingee & Conard Co., West Grove, Pa.

Grafted roses, fine stock, ready for benching. Bride, Bridesmaid, Golden Gate, 3½ and 4-in. pots, $12.00 per 100, $100.00 per 1000. Liberty, 4-in. pots, $15.00 per 100.
Fine own root stock. Bride, Bridesmaid, Golden Gate, Ivory, 3-in. pots, $3.50 per 100; 4-in. stock, $5.50 per 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

Roses. Fine stock from 3-in. pots.

	100	1000		100	1000
Maid	$3.50	$30	Ivory	$3.00	$25
Bride	3.50	30	Chatenay	3.50	30
Golden Gate	3.00	25	Liberty	4.00	35
Beauties	4.00	35			

American Beauty plants from bench, $3.50 100, $30.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses, own roots. Ivory, Meteor, C. Soupert, M. Niel, W. Maman, Albany, Helen Gould, Malmaison, Hermosa, Phila. Rambler, 2½-in., $2.25 per 100; $18.00 per 1000. C. Rambler, Mme. C. Wood, Perle, Vick's Caprice, Capt. Christy, Gen. Jacq., Mme. Plantier, Kaiserin, Sunrise, $3.00 per 100; $25.00 1000.
C. M. Niuffer, Springfield, Ohio.

Surplus rose plants, 3-in., own roots. Per 100:

Perle des Jardins	$ 7	Papa Gontier	$7
Gen. MacArthur	8	Bridesmaid	5
Mildred Grant	10	Bride	5

Mme. Chatenay, 3½-in., $8.00; Gen. MacArthur, 2½-in., $6.00 100. Mme. Hoste (grafted), 3-in., $8.00 100.
J. BREITMEYER'S SONS, Detroit, Mich.

Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Surplus rose plants Brides, Bridesmaids and Meteors, 2¼-in., $22.50 1000; 3-in., $30.00 1000. Cuttings were made from carefully selected wood and the plants are well worth the price. L. B. Coddington, Murray Hill, N. J.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Roses, clean, strong plants. Bride, Meteor, Golden Gate, 2½-in., $2.50; 3-in., $4.50. Maid, 3-in., $4.50. American Beauties, choice, 3-in., $6.00; 4-in., $10.00. Hermosa, C. Soupert, fine, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Roses in fine condition for planting. Bride, Maid and Meteor, 2¼-in., $20.00 1000. American Beauties, 3-in., very fine, $70.00 1000. Bride, 3-in., $30.00 1000. 250 at 1000 rate. Or will exchange part for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

Surplus stock of rose plants. Grafted—Bride, Maid. Own root—Bride, Maid, Perle, Chatenay, Gen. MacArthur, Cusin. All in 4-in. pots. Let us give you prices on your orders.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

Roses, propagated from grafted stock. Strong, healthy and well rooted. Extra fancy stock.
Brides, Maids, 3-in., $6.00.
Liberty, 3-in., $8.00.
Cash or C. O. D. Samples, 25c.
The ROSEBANK COMPANY, Cincinnati, O.

Brides and Maids,
$4.00 per 100, 4-in. pots.
Fine Gen. MacArthur,
$10.00 per 100. Good, clean, healthy stock.
R. M. Schultz, Madison, N. J.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

We are growing 150,000 roses of the best leading varieties of H. P., H. T., and Climbers, in 2-in. pots. Prices low if orders are given now for next spring's delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000. Send for price list.
J. L. Dillon, Bloomsburg, Pa.

800 Brides, 3-in., $5.00 per 100. 500 Liberties, 4-in., $10.00 per 100. 800 Liberties, 2-year-old, from bench, $5.00 per 100. Sample on application.
Eugene Weiss, 61 No. 8th St., Phila.

American Beauty, 2½-in., $7.00 100. Liberty, 2½-in., $6.00 100. Kaiserin, 2½-in., $4.00; 3-in., $6.00 100. Bride and Maid, 2½-in., $3.50; 3-in., $5.00 100.
Phila. Wholesale Flower Market, Phila., Pa.

Exceptionally strong, healthy plants of BRIDE and BRIDESMAID, both grafted and own root, in 2¼ and 4-inch pots.
Send for sample and prices.
W. H. ELLIOTT, BRIGHTON, MASS.

Old Beauty plants, choice stock, fresh from the benches, cut down, 18 to 24 inches long, with the roots packed in damp moss, $25.00 1000. Bassett & Washburn, Hinsdale, Ill.

Roses, first-class stock, 3½-in. pots, $6.00 per 100. Bride, Bridesmaid, Perle, Meteor, Chatenay, Hoste, Sunset, Sunrise, Golden Gate, Ivory.
P. R. Quinlan & Co., Syracuse, N. Y.

Golden Gate, Ivory, Pink and White Cochet, M. Niel and 100 other sorts; 2½-in. pots, $18 1000. Baby Rambler, 1½-in. pots, $10 100.
Springfield Floral Co., Springfield, O.

Bride and Bridesmaid, strong, healthy, 3-in. stock, $4.00 100; $35.00 1000. Write for sample and be your own judge of value.
Geo. E. Campbell, Flourtown, Pa.

KILLARNEY, the best paying forcing rose ever grown, 2½-in., grafted stock, $20.00 100; $175.00 1000; 500 at 1000 rate.
Siebrecht & Son, New Rochelle, N. Y.

400 Brides, 2½-in. rose pots,	$2.50 100
300 Bridemaids, 2½-in. rose pots,	2.50 100
300 Brides, 3½-in.,	3.50 100

Wm. Swinbank, Sycamore, Ill.

Roses. La Detroit, 3-in., extra fine stock, while they last, $6.00 100. Chatenay, Perle and Sunrise, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Surplus roses. Will close them out at $4.00 per 100. 1000 Golden Gate, 1000 Ivory and 600 Brides, all in 4-in. pots.
J. W. Dudley & Son, Parkersburg, West Va.

Roses. We can promptly ship any quantity of roses. For varieties, sizes and prices see display adv. in this issue.
Geo. A. Kuhl, Pekin, Ill.

Choice roses. Bride, Perle, Ivory, Bridesmaid, 3½-in., $4.00 100. All on own roots and are the best value ever offered.
John A. Kepner, Box 3, Harrisburg, Pa.

Roses, all from 3-in. pots, good stock. Beauties, $5.00 per 100. Bride, Meteor, Gate, Sunrise, $3.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

1,500 Golden Gate, 3½-in., $4.00 100. 1,000 American Beauty, 3½-in., $5.00 100. Extra good and clean.
Worcester Conservatories, Worcester, Mass.

Roses. Bride, Maid, Golden Gate, Chatenay, Meteor and Liberty, 3-in., $4.00 per 100; 4-in., $6.00 per 100.
Warrendale Floral Co., St. Paul, Minn.

Brides and Maids, 3-in. pots, $3.50 100. American Beauty, 3-in., $4.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Choice rose stock. Kilarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

3000 Brides and Maids in 3-in. pots, $30.00 per 1000. Or will exchange for chrysanthemums. W. E. Fowler & Co., Edgemoor, Del.

We have 1000 3-in. and 500 2½-in., nice, clean METEOR plants. Make us an offer for them.
Krueger Bros., Toledo, O.

2000 good Bridesmaids, from 3½-in. pots, $4.00 100. Cash.
James Horan & Son, Bridgeport, Conn.

6000 Kaiserin roses, 2-in., good and healthy, $18.00 1000.
C. & G. L. Pennock, Lansdowne, Pa.

Bride and Maid roses, $2.50 100.
National Plant Co., Dayton, O.

RUBBERS.

Rubbers, 4-in. pots, 15 inches high. $3.00 per doz. Geo. Just, Jacksonville, Fla.

Ficus elastica, $2.00 doz. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Rubbers, 4-in., $3.00 doz.
National Plant Co., Dayton, O.

SALVIAS.

Salvias splendens and Bonfire, extra strong, 2, 3 and 4-in., $1.00, $1.50 and $2.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia splendens, surplus, 2½-in. pots, $1.75 100; $15.00 1000. Cash with order.
Wm. J. Chinnick, Trenton, N. J.

300 Salvia splendens, 50 Silver Spot, 3-in. pots, extra fine, $4.00 100.
Theo. Searles, Port Chester, N. Y.

Salvia splendens, 2¼-inch, $2.00 100; from flats, $1.00 100. Cash.
H. Weston, Hempstead, N. Y.

Extra fine, branching Salvia splendens, to close out, $1.50 per 100.
Hammerschmidt & Clark, Medina, O.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvia Bonfire, 3-in., $3.00 100.
Crown Point Floral Co., Crown Point, Ind.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

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Cineraria stellata, trade pkt., 25c.
CINERARIA MAX. NANA, giant flowered novelties—pure white, blood red, MAGNIFICENT old rose, azure blue, each color separate, pkt., 25c. All colors, mixed, 25c.
Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.
Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.
Best German, winter-flowering, ten weeks stocks, pkt., 25c.
Send for our new fall list.
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New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Cineraria, finest large flowering, dwarf, mixed, 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
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PANSY SEEDS. Pansy Park Perfection, a new strain and the finest ever offered. They are the largest in size and have the greatest variety of rich and rare colors and markings, and include a large proportion of the fashionable and much desired bronze, old gold, pink, rose, red, terra cotta, apple blossom, etc., in many unique combinations not before seen in pansies. Trade package, $1.00 each. PANSIES A SPECIALTY FOR 30 YEARS.
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BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
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Brown's extra select, superb GIANT PRIZE PANSIES were awarded silver medal, St. Louis exposition, 1904. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1.
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Smilax, 2¼-in., $2.00 per 100.
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Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centauress, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
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My plants are fine. Cash with order.
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Violets. Selected field-grown clumps of Princess of Wales and California, $2.25 per 100, $20.00 per 1000; fine 4-in. pot plants, $2.50 per 100, $22.00 per 1000. Marie Louise, Imperial, Farquhar, field plants, $20.00 per 1000.
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Or I will give in EXCHANGE for the above 4 and 5-inch Sprengeri and plumosus nanus, fine specimens of 6 and 7-inch rubbers, 7 and 8-inch pot specimens of Araucaria excelsa, or I have thousands of fine, stocky, well and cool-grown bedding plants such as pansies, double daisies, vincas, single petunias, verbenas, dwarf cosmas, coleus, stocks, etc., etc. Or will sell any of the stock offered for exchange, cheap for cash. Write at once if there is anything in this list that you need.
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TO EXCHANGE—Continued.

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E. H. Hunt, 76-78 Wabash Ave., Chicago.

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I have a house 10x80 connected to which I am building a house 10x48, in which I want 60 degrees, and connected to it a house 12x90 in which I want 55 degrees. The walls are all four feet high and I have boiler capacity for hot water for 5,000 feet of glass in the coldest Pennsylvania weather. I have on hand 750 feet of 2-inch pipe and 600 feet of 1-inch. If possible I would like to use the 2-inch in the larger house and the 1-inch pipe in the smaller house. J. H.

If you can exchange the 1-inch pipe for an equivalent value in 1¼-inch, 1½-inch or 2-inch pipe it will be more satisfactory. If this is impossible the 1-inch pipe can be used in the smaller house as you suggest, but even there it may not prove satisfactory. It is a good idea to have all the return pipes in a plant of uniform size.

The larger house, piped with 2-inch pipe, should be supplied with seven runs of pipe. A flow and three returns on the exposed side, with a flow and two returns on the side next to the other house should be satisfactory.

In the house 10x48, using 1-inch pipe, it would undoubtedly be best to use a 2-inch riser the length of the house, returning in nine 1-inch returns which can be disposed under the benches on either side of the house.
L. C. C.

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PIPING FOR SEVERE COLD.

I have two connected houses, eac 14x60 feet, eleven feet to the ridge an. side walls five feet six inches high. There is glass down to the level of the benches except on the west end, where the boiler shed is. We want to return the water on the gravity system. How shall we pipe to maintain 52 to 56 degrees when it gets down to 30 degrees below zero? How far below the returns should the boiler be? A. B. C.

A satisfactory plan for piping your houses would be to place the boiler in a pit deep enough so the top of the boiler will be eighteen inches to two feet below the lowest point in the return pipes. The pipes may be arranged as follows: Each house provided with a 2-inch or 2¼-inch riser running under the ridge to the most distant point in the house and there dividing to return under the benches in four 2-inch returns. This will give nine pipes in each house, which will be sufficient to maintain the temperature desired with water at 180 degrees. In installing the system the highest point in the riser should be at the most distant point in the house, i. e., where the riser divides to supply the returns. The returns should have a gradual fall from the far end of the house, in this case the east end, toward the boiler. A grade of ten to twelve inches in the length of the house will be sufficient. A vent valve should be placed in the riser at the highest point. An expansion tank with thirty gallons or more capacity should be made a part of the system by connecting it with a ¾-inch or 1-inch pipe to the main return near where it enters the boiler. Place the tank fifteen or eighteen feet above the point where it connects with the returns, let the bottom of the tank be three or more feet above the highest point in the riser. A hot water boiler, such as is used for storing hot water in dwellings, makes a satisfactory expansion tank. A boiler for this plant should have 1,000 feet capacity. L. C. C.

Ottawa, Ill.—The Fred J. King estate has opened a flower store at 824 La Salle street.

New London, Conn.—Pratt & Giger dissolved partnership after their recent fire and have gone out of business.

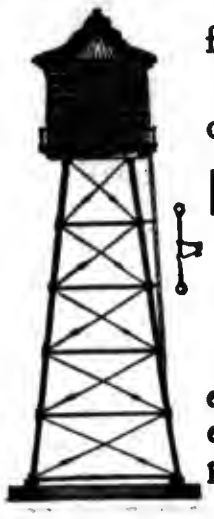
Fort Smith, Ark.—J. H. Krone, Jr., has purchased thirty acres of land on the edge of town and added a department for vegetable growing. He has added two greenhouses to his plant and so has J. F. Johnson.

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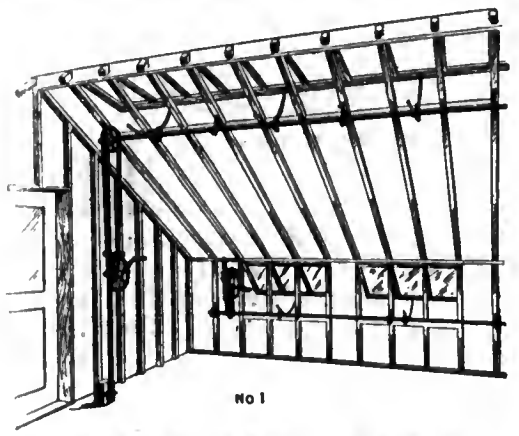
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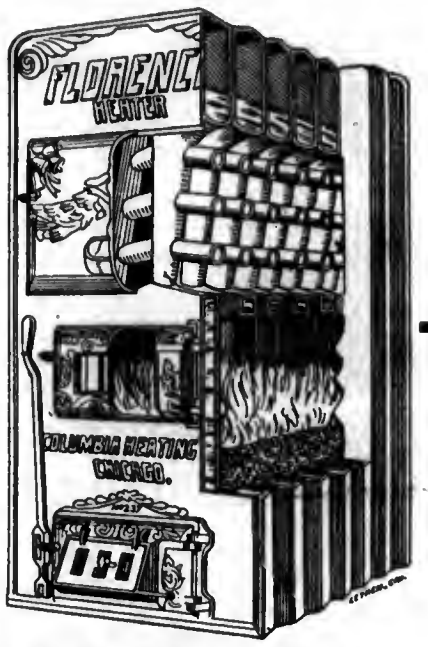
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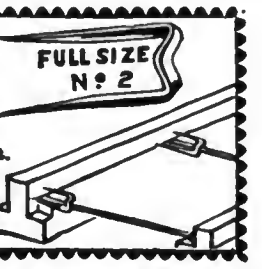
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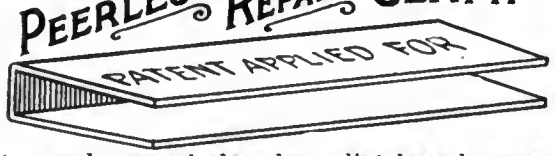
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MISCELLANEOUS SEASONABLE HINTS.

Bench Building.

This is by no means an idle time with the growers. The store clerks may take their vacations now, but at the greenhouses carnations must soon be lifted. Chrysanthemums are not yet all planted and rose benches are not all filled and, if all this is done, there are benches to repair or build. I see that poor lumber is going in as bench material at several places. It is time the greenhouse men woke up and built more substantially. It is not likely any wood or metal will ever take the place of cypress for the roof material. There is no need of it, for this splendid wood seems everlasting, but for side walls and for permanent beds and benches concrete should take the place of wood or even brick. Ashes or cinders are about as good to make concrete as sand or gravel. If you use ashes, and it is a mixture of fine and coarse, you can use six parts of the ashes to one of cement. If you use sand with considerable coarse gravel in it, then the same proportions will do. If the sand is fine, with no gravel in it, then three of sand to one of cement should be used, but three parts of broken stone should be added. It makes the quantity of your material about double, with little more expense and is just as strong. Remember this crushed stone or coarse gravel fills up in bulk but does not absorb any cement and, therefore, does not weaken the wall.

The bench or bed of the future for roses and carnations will be a wall twelve or fifteen inches in height, filled in with ashes or soil, then a floor of tile and finished with an edging of cement. This is about as permanent as a bed can be made and about as inexpensive as a bench of 2-inch hemlock and, once built, affords great peace of mind.

If the wall is fifteen inches high and the tile three inches, with five inches of edge, it brings the top of the soil almost two feet above the path, high enough for anything, in fact perfection in height, drainage and durability. Some use, instead of the drain tile, coarse ashes or cobble-stones, cheaper, of course, if you have them on your place, and for a year or two good enough for drainage, but awkward to shovel on and in time must become compact from the soil filtering into the ashes or stones and thereafter cannot give the perfect drainage of the tiles.

Saving Pansy Seed.

The pansy sowing season is near at hand in this part of the country. We have found after trying different dates that about July 20 is the best time. If pansies are to be grown in cold frames and protected with sash during winter, several weeks later will do, but I am supposing that they are protected merely with straw and nature's overcoat, snow. We used to sow pansy seed under the shade of a tree, or under a shaded sash. This is not necessary; in fact, it produces weak plants. Sow in full sun, only do not let the seed bed ever get dry. The seed germinates quickly and for a few days the seed bed will want constant care. Sprinkle it not once, but ten times a day, if necessary to keep the surface moist, and every good seed will germinate. Sow thinly or your little plants will be greatly crowded before they are large enough to transplant into the winter beds.

Grass Seed.

To digress a moment, we are asked repeatedly when is the best time to sow grass seed. Undoubtedly it is in spring, up to the middle of May, or again in the end of August and early September, but all this depends on care and the facility and time you have for watering. In 1900 we saw grass seed sown every day of summer from the middle of April until the middle of September. No dry spell in July and August suspended operations. Every day a certain area was sown, and with the greatest success. All this was simply accomplished by the hose. The ground was kept continually moist until the grass was well up and big enough to stand a parching. And so it is with your pansies. Never let the ground get dry and there is no need of shade.

Berberis Thunbergii.

There is a hedge of Berberis Thunbergii in this city that I would like all lovers of shrubs and the beautiful to see. It is just inside a retaining wall, on an elevated lawn, four feet above the level of the street, a proper place for such a hedge. It would be cruel and uncalled for to shear back its lovely tender growths. It was pruned in early spring and its outline is regular, without being stiff and formal.

Privet Hedges.

The privet hedges are different. Besides the winter or spring pruning, they need a slight shearing again in July. The berberis has a branching, handsome habit of its own. The privet has not. If left to itself it makes strong, long growths and if you want to lay the foundation of a comely hedge, a shearing is necessary now. The shoots will break out with more growth.

A privet hedge is no ornament and should only be planted where it means something, for a division line of property or to enclose a tennis court. It is much handsomer than a wooden or iron fence, but if not compact and properly managed it is simply hideous and makes



Erythronium Revolutum Watsoni.

a gardener shudder. A privet hedge should be broad at the base, tapering on both sides to the top and slightly rounded; in fact, about the shape of a thimble. Alas, how often you see them the very reverse.

If the hedge has made a strong growth, trim it back now. We can stand a few formal lines in ornamental gardening, but only a few. Some go so far in their imitation of nature that they would have no such thing as the abnormal in color or straight lines in their ornamental gardening, but perhaps they have not seen the microscopic shells that inhabited the ancient oceans the forms of which are as formal and straight as the spokes of a wheel, and a greater author than man was there to direct the designing.

Bougainvillea.

Bougainvillea glabra Sanderiana is now a popular Easter plant. Large plants are very decorative and B. glabra is best for this. Medium-size plants of the variety Sanderiana are in best demand. Cuttings rooted in March or April should now be in 4-inch or 5-inch pots and growing vigorously. Shift as they need it. They should have the fullest light and will delight in the high temperature under glass, but need a copious supply of water. If their pots can be plunged in some material on the benches it will save labor and the plants will thrive all the better. This treatment can be continued until the growth shows signs of ripening and by October a slight drying off can be begun, but not suddenly.

Hollyhocks.

Two years ago, believing that the dreaded fungus disease had left us, we struggled with a batch of seedlings, but with no success, although we gave them syringings of Bordeaux mixture from their infancy. Seeing them growing, healthy and vigorous, in the gardens of the city, we shall try again, for there is no more stately or picturesque plant. In more favored climes they can be planted in the fall, where they are to flower the following summer. In our severe winters we prefer to winter them in a cold frame, where they can be protected by glass. Sow now. It is well to get the best strain of seed you can and sow in colors, for you are asked in spring for yellow, pink, crimson, etc. If sown now and transplanted, when large enough, to a cold frame, they will be strong plants before severe weather sets in. The disease may not be in your neighborhood, but whether or not, it is well to dip the plants, when large enough to handle, in Bordeaux mixture or, what good authorities say is better, the copper carbonate solution.

Rambler Roses.

Here is a suggestion, by no means original, but what all florists with a garden should do: plant a row of each kind of rambler roses. I should cultivate them just as the grape growers do their vines in the field. Set some cedar posts twelve feet apart and run three strong wires between the posts, the first wire about one foot from the ground, one three feet and the other one five feet. With the roses planted four or five feet apart, what thousands of sprays could be cut? And even the whole stem could be cut away, and what possibly can be more decorative? We have seen of late how valuable they would be. This is not the time to begin, but you can lay plans for it. You can get strong plants in the fall and by cutting them down, get vigorous canes the following summer, and the next summer and every following one, a crop of flowers. If we had planted them last spring we should be cutting next summer.

I said you could cut whole stems and that I think you could do and benefit the plant, for strong young growths start from the base of the plant every year. I should plant a row of Crimson Rambler, The Farquhar, the Philadelphia variety, Dorothy Perkins and any other that was a variation in color. The rows ought to be at least six feet apart and run north and south. If you did not cut all the beautiful sprays you would be repaid by their beauty and glory.

William Scott.

A FINE ERYTHRONIUM.

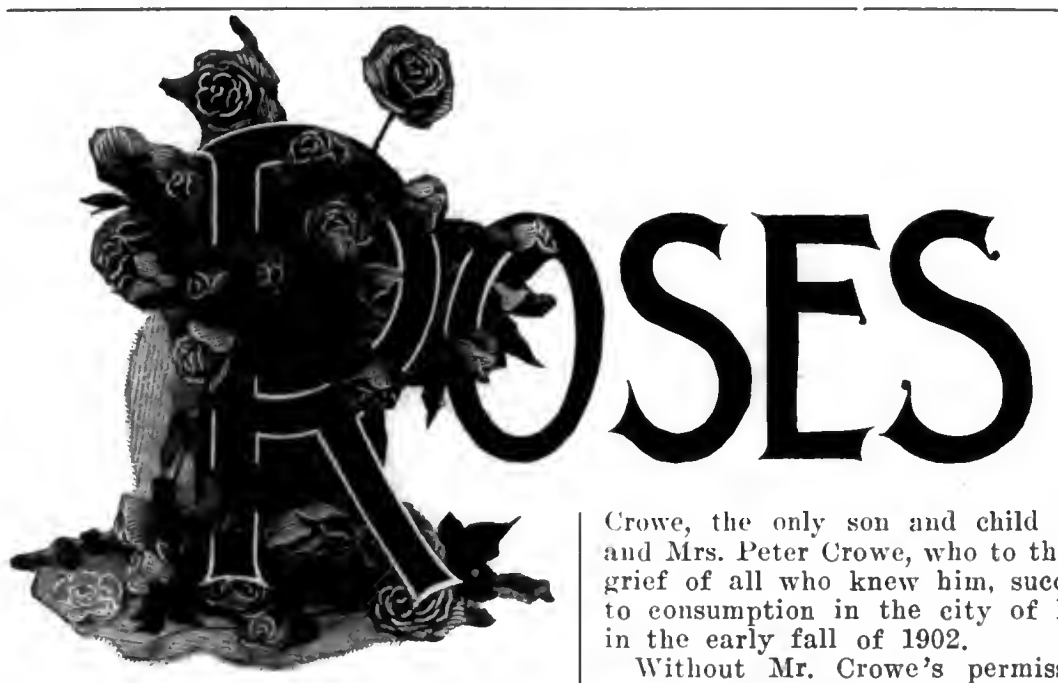
Outside of Victoria, B. C., and the immediate neighborhood the beauty of Erythronium revolutum Watsoni is but little known. Here it goes under the local name of "wild Easter lily." It is ubiquitous. The earliest flowers appear in the woods and among copses of scrub oak. The latest and best are in the meadows. It is found wild with from one to three flowers on a stem. Cultivated in gardens, it has produced as many as six flowers to the stem. It grows from one to two feet high, with a pair of beautifully mottled leaves at the base of the flower stem.

The flowers are revolute, white, sometimes tinged pink on the back of the segments. This only occurs in full sun. The base of each segment has a brownish blotch, which gives the flower the appearance of having a zone of this color around the throat and greatly enhances its beauty. The illustration on page 351 does it justice. Some idea of the size of the flowers may be formed from the measurement of the jardiniere, which was five inches high.

Note that these flowers have all been pulled up with the base leaves attached to the stem. This is the end of each bulb so treated. The park at Victoria was once carpeted by thousands of these lovely blossoms in the spring. Now it is a hard matter to find one. So much is this flower prized by residents that it is rapidly becoming exterminated within walking distance, so much so that the Natural History Society of Victoria appealed to the people to be careful in picking the flowers and not to pull them up with the leaves attached. It increases readily from seed and we have reseeded the park and hope to conserve this ornament to our wild flora.

Whether this bulb would be hardy in the east, I cannot say. I do not know of its occurring in any locality where the thermometer goes much below zero. It is at least as hardy as its Californian congeners and as a florist's flower far more useful. I could have shown Gertrude Blair vases and table decorations this spring, by some of our ladies, that would have satisfied even that arbitrary critic. So graceful is the flower that it falls into position of its own accord and it is almost impossible to make an inelegant arrangement.

Edw. Alex. Wallace.



SOME ROSEBUDS.

The beautiful group of roses with Grandpa Peter Crowe and his two sweet little granddaughters are the same roses that captured the first prize when the American Rose Society held its convention and exhibition at the famous Waldorf-Astoria in New York. They were mostly Bridesmaid and Bride. The writer has seen these wonderful roses, or similar ones, many times, both on the plants and in the cool cellar. With all his success in raising these magnificent flowers in his own peculiar style, it is easy to guess that there are two rosebuds in the Crowe establishment cherished and loved above all American Beauties, but American beauties they are, "of purest ray serene." These two dear little girls are the daughters of William J. Crowe, the only son and child of Mr. and Mrs. Peter Crowe, who to the great grief of all who knew him, succumbed to consumption in the city of Denver in the early fall of 1902.

Without Mr. Crowe's permission, I want to say a word about his method of growing roses, for in these days, when some will have nothing but a raised wooden bench and others advocate semi-solid beds of one of several different plans of construction, it may be of interest to know that these roses are grown in an absolutely solid bed. Mr. Crowe had a block of six houses, each 18x150 feet. This was one block, besides others larger. The ground on which the houses are to be built is graded level, or with a slight fall either way. Then it is ploughed deeply, working in lots of manure. Then the houses go up. They are heated by steam, the pipes being all on the posts supporting the gutters, there being no dividing partitions between the houses. A 6-inch board set on the ground is the side of a bed and to this depth is filled in with good compost. The soil is a yel-



Peter Crowe, of Utica, N. Y., His Granddaughters and His Roses.

low loam, rather heavy. What proportion of manure it contains we do not know, but we think not over one-fifth in bulk. The second year there is a mulch of two inches of soil and manure put on the surface. The third year another 6-inch board is added and another heavy mulch. Mr. Crowe uses no stakes or supports for his roses, cutting the strongest stems within a few inches of the ground, and hence the great stems for which Mr. Crowe's roses are famous.

Mr. Crowe is a great believer in liquid manure, which is copiously applied at a temperature of 55 degrees. I attribute his great success to a soil finely adapted to roses, but still more to a close personal attention. Before he rented the rose department of his place to the Messrs. Brandt Bros., from Madison, N. J., a visit to Utica would find Mr. Crowe stripped to his shirt and delving among his roses, and now you will find him equally busy with his famous adiantum.

The houses are equal span, running east and west, two beds of six feet each, and it is wonderful how narrow are the paths when you know Peter Crowe is fifty-three inches around the chest, but then he is only thirty-four around the waist, so that accounts for it.

What a chapter could be written on the subject of "personal attention." As I grow nearer the end of my tether I realize that if ever I made a marked success with any plant it was neither luck nor superior knowledge. It was purely a love of my work, and close interest and attention, such attention as that with which a faithful doctor watches the latest symptoms of his patient. You can learn from others the proper temperature, the best soils and manure and other points which are really only the rudiments of gardening. It is only experience or knowledge gained by a love of your work and your plants that will teach you the many small but important points that bring great success.

The man who has to depend entirely on his foreman is under a great disadvantage. Excellent men there are, both with ability and faithfulness, but they are not out of work, and unless the boss himself has his mind on his plants and watches their daily welfare, delighted at their prosperity and depressed and worried at any setback, he had better change his business. There are no union hours with a good gardener. He may give over labor in eight or ten hours, but his mind and, figuratively speaking, his heart, will be with his pets in all his waking hours. This close and unflagging attention you cannot buy at any price. If you think you have left on too much air and the night is chilly, it is only a labor of love to go to the houses at 10 o'clock at night and put things right. That is the sort of thing I mean by attention. Knowledge we must have, but faithful, never ceasing care counts for far more in growing anything pre-eminently well. No matter whether you see a grand specimen chrysanthemum, or Begonia Gloire de Lorraine, or a house of roses, don't think the man who grew them had luck or knew so much more than you. He loved his plants, he watched them and would sacrifice almost anything for their welfare.

An employer of our city told me that a certain young man who has since proven himself a phenomenal grower of cyclamen and Begonia Lorraine, used to eat his lunch in ten minutes and spend the remaining twenty minutes with his pipe, seated on a chair gazing at his pets, a bench of Gloire de Lorraine. That revery was not in vain. Oh, this is a big subject, young man! If you wish to ever excel and be a successful grower you must learn to love the plants under your charge; to see them suffer for water must hurt you more than to be thirsty yourself.

W. S.

NOTES FRCM ENGLAND.

What a marvelous advance has been made with the streptocarpus, during the last ten years especially. It is rapidly rivaling the gloxinia in many respects. The flowers have become very large and the corollas are becoming finely rounded. The colors are superb; a certain richness of violet and even blue is found in them. The plants are grown to a great size, and they are wonderfully floriferous. The possibilities of development in the streptocarpus are very great.

The strains of single-flowered, long-spurred aquilegias have been brought to a great pitch of excellence by our English growers. They are hybrids of A. cœrulea, Californica, chrysantha, etc. They are vigorous in growth and an individual plant throws a large number of flowers, which stand up bold and erect to the eye. Some having pleasing rosy tints in combination with sunset hues, are highly attractive. The old regard for double aquilegias has quite died out and yet they have a simple beauty of their own.

I fear that little if any headway is

being made in the way of improvement in the habit of growth of our races of dwarf nasturtiums, though they are so popular on both sides of the Atlantic. New colors are introduced as variety is sought for, but there is a looseness of habit in the growth of many of them and, while the flowers can lay claim to size, they lack the form which is such a prized property by our English florists. Then there is a great burst of bloom extending over a few weeks and after that the energies of the plants are directed to maturing their seeds, which are produced so plentifully. It is reasonable to suppose that if there were less seed production there would be greater continuity of bloom. But with all their faults they will often produce a second head of bloom in late summer, following on a dry time.

The German double annual wallflowers are now grown sparingly in gardens, and yet there are some very beautiful things among them. Occasionally a collection puts in appearance at one of the meetings of the Royal Horticultural Society, and then they are greatly admired. But both the gardener and the trader decline to grow them and the annual double wallflowers have fallen away into neglect, with thunbergias, maurandia, Mina lobata and many fine old subjects once highly popular.

We appear to have made but very little progress in this country in the improvement of single wallflowers. A seed firm staged a collection at the recent Temple flower show, but the lifting from the open ground and conveying to the place of show did not improve their appearance. They require to be seen as they are growing in the open air. Vulcan is a very fine single dark, an excellent selection; and Vilmorin & Co.'s Nankeen yellow is both distinct and remarkably good, both dwarf and very showy. V. M. H.

THE RETAIL FLORIST.....

AN AID TO TRADE.

More than once in recent years has the Ladies' Home Journal turned its great influence in favor of the flower trade but never more acceptably than in a series of illustrated articles by H. H. Battles which are now appearing and which, placed in a million homes, cannot but do much to extend the use of flowers.

Mr. Battles is not one of the school of verbose writers; rather he leans toward the tabloid form of literature, being content to suggest a thought and let the reader's own intelligence work out the to-be-desired conclusion. To such a clientele as that of the Ladies' Home Journal this must be a particularly pleasing style and such a paragraph as the following, from Mr. Battles' article for June, "Flowers for Mother and Child," will be sure to have far reaching results of money value to every florist in the land:

"The very pretty custom of sending flowers when a child is born is growing rapidly. A few years ago flowers were simply sent to the mother; now the little one is generally included. This is done in many ways. At times they are arranged in a large basket with a tall handle, with a very small basket filled with dainty flowers tied to the handle, as shown in the illustration below. No explanation is needed that the small one is for the baby. If the child is a little girl there is sent a miniature conventional hand-bouquet made about seven inches in diameter with ten or fifteen yards of baby ribbon tied to the handle and flowers attached to this ribbon. Then again, there is sometimes extravagantly broad ribbon on the same size bouquet. If the baby is a little boy a regular boutonnière with a pin is sent. When the name of the child is known he or she is addressed rather formally as though grown up. Sometimes there is an aunt or an uncle of the Betsy Trotwood type who assumes that the name has been settled. Once a proud grandfather opened a savings-bank account, naming himself as trustee, and sent the pass-book in a box of flowers addressed to the child. Another time a set of little pins was sent: each pin fastened a miniature rosebud on a large bow of five-inch baby-blue ribbon. As a contrast a large handsome cluster or an old-fashioned bouquet with lace-paper is sent to the mother. Frequently very large chrysanthemums with the miniature pompons are grouped; then, again, they are sent separately, addressed respectively to the mother and child. American Beauty roses and the little old-fashioned Bon Silene roses are treated the same as are chrysanthemums."

There are two columns more of the same good talk, with excellent illustrations. The trade will owe thanks to the publishers and the author for putting this class of matter before the public. It is not only worth vastly more but is very much more readable than much of the flower talk the magazines are printing.

RETAILERS' ADVERTISING.

Reading in the Review of June 1 an article on retailers' advertising and noticing the reproduction of several advertisements that have appeared in some of the daily papers, I am glad to learn of the stand that your paper has taken on advertising for retail florists and ask the privilege to offer some suggestions that I think will help the retailer.

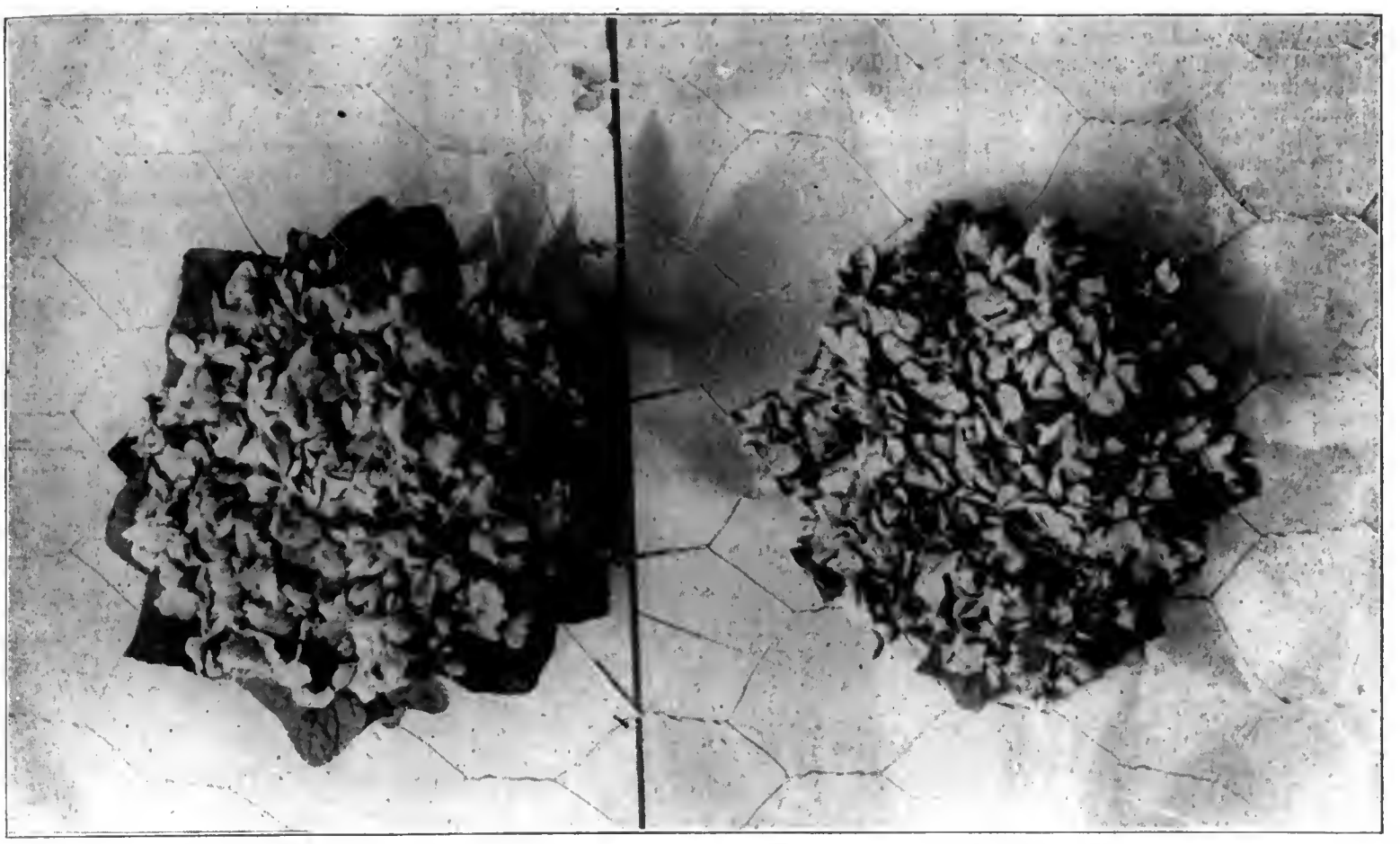
The first important thing in advertising is to have something the people want and the next important thing is to tell it in such a way that it will interest them. Every retail florist should advertise in the daily papers of his home town. He should plan an advertising campaign, beginning in October, using a little space once or twice a week, with a good cut of some pretty flower that is offered at that season of the year, stating the price of the flowers or plants that are being advertised. Attractive cuts and prices are necessary to an advertisement to bring the best results.

Do not advertise flowers or plants in the summer, when people are away, or when those who remain are supplied with choice flowers from their own gardens and then think that, because only a few answer the advertisement, publicity does not pay. Do not think that an advertisement at Thanksgiving, Christmas or Easter is a waste of money. Though many people will buy



Bunch of 50 Campbell Violets.

(Backed up with leaves of Princess of Wales single violet. This bunch measured about eight inches in diameter.)



Two Bunches of Violets Ready for Market, One With Leaves and the Other Without.
(Leaves are sometimes added after the bunch reaches the market. These bunches measured about eight inches in diameter.)

flowers and plants whether you advertise or not; there are thousands who are not buying, and many who are not buying of you, who would do so if reminded of your location and of your plants and flowers. What would you think of a clothier who would advertise winter clothing in the summer, or summer clothing in the winter? It is the same way with florists. You cannot expect people to buy when society is away at the mountains and lakes.

Advertisements should describe flowers and give prices. Few people know the different flowers and their uses and are inclined to believe that flowers are an expensive luxury. Tell them how to use flowers and show them that they not be expensive beyond moderation.

Sales on special days are a good thing for new business, but do not give an inferior grade of goods when a first-class article is advertised. The public will soon find you out and then no matter how much you advertise it will not bring results. Be honest with the people. If you advertise first-grade roses for 75 cents a dozen see that they are first grade.

It takes years and lots of effort to build up a business. The best way to talk is through the newspapers of your home town. They reach the people of whom you expect patronage. Start a campaign this fall, order your cuts and keep at it. HENRY L. PATTHEY.

VIOLET GROWING.

BY B. T. GALLOWAY.

The First Picking.

Usually by the beginning of October, weather conditions being favorable, the first violets may be picked. Of course, the flowers that are produced in the early part of the season are never so large or fine as those later on. Still they are violets, and it has been our practice to begin sending them into the market at the earliest practicable moment, simply with a view to creating a desire for better flowers later on. It requires a certain amount of time to educate the people to the fact that violets are in the market, and the earlier one can start, even with these ordinary flowers, the better.

Bunching.

One may be ever so successful in growing a crop of this kind, have fine flowers, and yet without good taste and judgment in picking, bunching, and marketing, poor profits will result. A man with very ordinary flowers and good judgment in the matter of handling and picking can often get a great deal more for his crop than one who has good flowers and fails to recognize the essentials in putting them up in attractive bunches. We have seen very ordinary bunches which had been put up without any regard to neatness, bring, when rehandled and rebunched, more than four times the price they were selling for before such treatment; that is, violets selling on the street for 35 to 40 cents per hundred have been bought, rebunched and neatly tied, and sold readily for $1.50 per hundred.

The usual practice is to put the violets in bunches of fifty, or on special occasions in bunches of 100. Surrounding each bunch should be a neat backing of violet foliage, either of the single variety or the leaves from the double sorts. This matter will be more fully understood by consulting the illustrations of the bunched flowers.

Marketing.

Attention has already been called to the necessity of having a constant supply of good flowers, and if the crop has been carefully grown there will be no difficulty on this score, providing the grower has 2,000 plants or more. The violets should be got into the market as quickly as possible after the picking, as every hour detracts from their desirable features, especially in the matter of odor. Odorless violets are practically worthless, but notwithstanding this fact great quantities of them are thrown on the market each year by growers who must necessarily ship long distances. A well-grown, large, sweet violet, properly bunched, will always be able to command good prices in the face of any number of cold-storage kinds which have been so long separated from the mother plants as to have lost all odor and pretty nearly all semblance to the flower.

No success can be obtained in the sale of the flower without a careful study of the markets. The local needs should be investigated and pandered to. Wherever it is practicable to create an interest in the flower by unique systems of bunching or handling, such systems should be adopted. It is the man who looks out for such innovations that usually is able to command the best prices. If the violets are intended for the local trade they may simply be loosely packed in the greenhouse and sent to the stand or store and bunched there. This always has some attractive features and advantages, in that it enables the people to see the bunching actually going on and is in the nature of an advertisement of the goods. This is particularly the case where one

is making a specialty of violets and is endeavoring to dispose of them as already suggested, namely, through the creating of a special demand and trade in connection with some store, not necessarily that of a florist. If sold to a retail florist, of course, the methods of bunching and handling may be entirely different. The usual plan in selling to a florist is for the grower to bunch them before shipment. Much of the success, therefore, of his efforts will depend on the neatness with which he does this.

Packing for Shipment.

If the grower is doing a shipping business it is necessary to pack the violets properly in order to keep them fresh, and in cold weather to prevent freezing. Great care should be exercised here in the matter of making the packages attractive. One of the most satisfactory methods of shipping violets is by means of a common leatherette telescope box. This can be made so as to hold from 500 to 1,000 violets. By a proper bunching and use of a wire frame within the leatherette telescope the violets reach their destination in excellent shape and when opened up are fresh and sweet.

It too frequently happens that growers are careless in this matter and will send their violets to market in rough board boxes lined with unsightly newspapers, which condition always detracts from their appearance and consequently from their price. The leatherette boxes are returnable and can be used over and over again. They have special advantages in that the flowers can be securely wrapped and packed so as to avoid freezing and, furthermore, after a while they become saturated with the violet perfume and act directly in the matter of aiding the violets to hold their very desirable odor.

(To be Continued.)



CARNATION NOTES.—EAST.

Preparations for Housing.

Now that your plants in the field are well under way and press of work somewhat relieved, the matter of emptying the houses, repairing, cleaning, painting, whitewashing and refilling the benches with fresh soil can receive attention.

The plan of allowing exhausted plants and soil to remain in the benches until everything is as dry as a tinder box, is not to be recommended. Aside from the appearance of desolation and the chance afforded insect pests, etc., to increase and multiply, it is injurious to the woodwork and detrimental to the house in many ways. After deciding to "throw out" a house or bench, the sooner it is put back into shape for replanting the better.

One cannot be too thorough in the work of cleaning. As soon as the soil is removed from a bench, the bench should be swept and washed to remove all the soil adhering to the sides or bottom, and especially that very likely to lodge in the drainage cracks. A stout hose, good pressure of water, an old broom and a fair amount of elbow grease will do the trick.

Before the boards are thoroughly dry, apply the whitewash, preferably hot.

The space under the benches, in walks and any crack, corner or crevice where spider webs and dead foliage are accustomed to associate should all be cleaned of dirt or litter.

It is well to make provision for a liberal quantity of whitewash. Lime is not only a disinfectant and destroyer of disease germs, but a preserver of wood as well. A coat of wash applied hot to the inside of a bench will add considerable to its life. This is said to be particularly true when used in new lumber.

Air-slaked lime will be needed in bench soil and for other purposes, so when purchasing the supply enough extra should be secured to provide for this. It will be economy, as a barrel of lump or quick lime increases greatly by air-slaking.

If you are to use manure in bottom of benches, do not be induced to buy or use that which is too rotten. So called "well rotted" manure is usually on a par with odorless fertilizers. We have seen fresh dropped manure used for this purpose with good results.

If not already done, give the soil pile a turning over. Again handled in refilling the benches the whole mass becomes thoroughly mixed and in fine mechanical condition.

Geo. S. Osborn.

CARNATIONS IN GERMAN.

A subscriber in Germany writes as follows:

"Is existing in the German language a particularly book of the especial carnation cultivation and what firm is that delivering? Otherwise what book in the English language may be recommended excepted those of Mr. C. W. Ward of Queens, which I do know?"

If any reader can enlighten our friend the Review will be pleased to forward the letter.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to New York will find here the principal sailings for the next two weeks:

Date.	Steamer.	Destination.
July 8	Graf Waldersee	Hamburg.
July 8	Umbria	Liverpool.
July 8	New York	Southampton.
July 8	Minneapolis	London.
July 8	Finland	Antwerp.
July 8	Bordeaux	Havre.
July 11	K. Wilhelm II	Bremen.
July 11	Slavonia	Naples.
July 11	Georgic	Liverpool.
July 12	Statendam	Rotterdam.
July 12	Majestic	Liverpool.
July 12	Patria	Havre.
July 13	La Savoie	Havre.
July 15	Lucania	Liverpool.
July 15	St. Louis	Southampton.
July 15	Vaderland	Antwerp.
July 18	Fred'k der Grosse	Bremen.
July 19	Ryndam	Rotterdam.
July 19	Oscar II	Copenhagen.
July 19	Cedric	Liverpool.
July 20	Deutschland	Hamburg.
July 20	La Bretagne	Havre.
July 22	Etruria	Liverpool.
July 22	Pennsylvania	Hamburg.
July 22	Philadelphia	Southampton.
July 22	Kroonland	Antwerp.

JUNE BUGS.

In the Review of June 29 H. T. asks if the larvæ of the June bug will do any harm to the roses that are planted out in his rose house. They will do a great deal of harm, for they keep working through the soil and cut the young roots and the stronger ones, if they come in their way, and on bright days you will see your plants wilting. When they get larger they will girdle the plants just under the soil. I had the same experience as H. T., having a large number in my rose house. I tried a strong solution of tobacco water in one part of a bed and mixed a half bushel of unslaked lime into forty gallons of water and watered another part of the bed with it, but it did not seem to kill any of the larvæ. So I got bisulphide



Packing Boxes Used by Poughkeepsie Growers.



James Wheeler. W. N. Craig. Robert Cameron.
William Nicholson. A. H. Fewkes.

Plant and Flower Committee of the Massachusetts Horticultural Society.

of carbon and made holes one foot apart with a broomhandle and poured one teaspoonful into each hole. A man followed me with sifted soil and immediately filled up the holes. It killed every larva and it did not seem to injure the rose plants. The beds were wet when we applied the bisulphide. JAMES WHEELER.

THE QUINTETTE.

Arthur H. Fewkes, of Newton Highlands, Mass., the present chairman of the plant and flower committee of the Massachusetts Horticultural Society, has for quite a number of years been a member of that committee. Mr. Fewkes originated and disseminated some very good chrysanthemums when seedling raising was first started in America, sending out Henry A. Gane's famous set, and still remains a mum enthusiast. As secretary of the American Peony Society he is a valuable man in the right place, few men possessing a better knowledge of these popular hardy plants.

Robert Cameron has been a valued member of the committee for several years and is a constant exhibitor of hardy herbaceous plants, aquatics and stove and greenhouse plants at the exhibitions. Mr. Cameron has had charge of the Harvard Botanic Gardens, Cambridge, for about twenty-five years and visitors there always find something to interest them. As his name would indicate, he is a graduate of Kew and a first-class botanist as well as a skillful gardener, a combination not often found.

James Wheeler is the present president of the Gardeners' and Florists' Club, of Boston, also vice-president of the Chrysanthemum Society of America. He has for many years had charge of the estate of Joseph H. White, Brookline, Mass. Like Mr. Fewkes, he is also especially interested in chrysanthemums and peonies. A sketch and portrait of Mr. Wheeler appeared in a recent number of the REVIEW. Along with Mr. Cameron, he has charge of the arrangements for all the Boston exhibitions and these duties have always been performed in a thoroughly satisfactory manner.

William Nicholson is best known as a producer of choice carnations, although many other flowers are grown well by him. A sketch of his fine establishment at Pleasant Hill, Framingham, recently appeared in the REVIEW, He is a member of C. S. A., American Rose Society, S. A. F., and American Carnation Society and has held important posts in several of these. He has been located at his present stand sixteen years.

W. N. Craig is superintendent gardener on the F. L. Ames estate at North Easton. Besides being a member of the plant and flower committee of the Massachusetts Horticultural Society, he is a member of its board of directors, the garden committee and its committee on arrangements. He is also secretary of the Gardeners' and Florists' Club of Boston. He is a thorough plantsman and the New England representative of the FLORISTS' REVIEW.

VERBENA MISS WILLMOTT.

"Verbena Miss Willmott is now thoroughly established as a pot plant for the London market," says a writer in the Horticultural Advertiser. "This season it is more plentiful than ever, and still sells well. The best plants have been making from 12 to 15 shillings per dozen, which must be a remunerative price. Once get a healthy stock, there is little difficulty in growing this useful verbena. Provincial growers should find it a useful plant, both for pots and bedding out; there is no pink flower that makes a better show. I shall always remember the first time I saw this in a bed. It was at a distance, and the distinct glow of pink was beautiful; and it was not until I got closer that I found out what it was, and then I could hardly believe a verbena could

make such a bright show. I lost no time in procuring stock, and I believe I was one of the first to grow it as a flowering plant for pots. It was about five years ago that it was shown in a group at Richmond flower show by H. J. Jones, and since that time it has gradually grown in favor, until it is seen at least on a dozen different stands in Covent Garden flower market. There have also been others added, including a good scarlet and a blush white. A purple was also grown last season, but I have not yet seen this in the market this spring. These may all find some favor, but none will equal the beautiful pink, Miss Willmott.

"In regard to culture, as stated above, the most important point is healthy stock. This may be had by growing on late struck cuttings in pots, keeping all bloom cut off; and dip or fumigate the plants if insects attack them, and the frequent use of sulphur to keep off mildew. During the early part of the winter they may be kept on a shelf in a cool house, and removed to a warm house about January, when they will soon make good cuttings. For early flowering three or more plants may be grown on together in each pot. They will require some stopping; this should be done so that all the shoots start together. They may be grown in any ordinary compost, but good loam with plenty of manure will suit them best, and liquid may be used freely as soon as the roots are round the pots."



INSECTS AND INSECTICIDES.

Plants generally are now set out on the benches and a daily routine of watering, syringing and insect hunting is in order, the latter requiring more time and care than are usually given to it. The most insignificant, individually, of these insects, the black and green flies, do more damage, probably, than all the other insects combined. They are so small and so common that they are generally ignored until they become too prominent and fumigation has to be resorted to.

The green fly is much worse than the black, because it works in the extreme tip of the growth and as the leaves develop they are found to be badly crippled. Dusting the plants with tobacco dust is the best thing to kill green fly and I would strongly recommend purchasing this dust from those manufacturers who make a business of producing an article for this purpose. "Any old kind" of dust may do some people, but the particular grower wants something that will do the work efficiently and without any injury to the plants. The same thing applies also to the fumigating powder.

After extended experiments I have decided to my own satisfaction that the cheapest and best fumigant for chrysanthemums is the tobacco dust sent out for that purpose and I now use nothing else. I specify for chrysanthemums because that same tobacco dust when used in a rose house ruined a crop of buds for me and since then I have pinned my faith on Nico-fume for roses.

Care must be exercised, of course, so as not to get the dose too strong. In a house 200 feet long I have found an ordinary pailful, or a little more, to be sufficient for a fumigating when it is divided up into numerous small heaps and they are all lighted simultaneously. I do not care to spray the foliage with any of the liquid tobacco extracts, as the leaves are easily injured in this way, as can often be seen by their being burned around the edges and otherwise crippled.

It is always better, either when using liquid tobacco or dusting, to do this work in the evening and wash it off the next morning, before the hot sun has any effect on it.

The best friend the grower has for helping him keep down the fly is the lady bug and every one should cherish this insect as a friend. The larva of the lady bug is an insect from a quarter to a half-inch long, fairly active and having violet-colored markings on its back, and seems to live for nothing else but to eat black flies. An insect of this description should be encouraged, for it certainly does nothing but good.

Caterpillars are also on calling terms with us again and need watching. If you can find the eggs before they are hatched you are saving yourself considerable work later. They are found on the under side of the leaves, tiny yellow eggs deposited in a circle. When first hatched the young caterpillars stay on the same leaf for a few days, but when once scattered over the plant it is impossible to find them all. When caterpillars are very numerous Paris green may be used to poison them, but under ordinary conditions hand picking is best.

There are few insects that do not use the chrysanthemum as a host plant, but care and watchfulness will prevent any very serious loss. In certain sections the insects peculiar to those sections are found to a greater or a lesser degree on the chrysanthemum, but in the northern states the principal ones are fly, caterpillars and grasshoppers, with the usual accompaniment of red spider and thrips, if cultural methods are not properly followed.

Charles H. Totty.

CLEVELAND.

The body of John Hay, the world famous secretary of state, has been lying in state in the Chamber of Commerce since Monday morning. The result of Mr. Hay's sudden death and the bringing of the body to Cleveland for burial on Wednesday has been a great call for funeral work of the best class. Every retailer has had all he could do. There was an absence of flowers around the casket Monday, as compared with the floral displays so often seen at the funeral of lesser people. One large wreath of roses and sweet peas and two crossed palms caught and held together by a broad band of purple ribbon rested on the casket and on the floor at both ends of the bier lay two other wreaths of roses. Behind the casket was an embankment of palms, and potted plants were scattered around the hall.

All day Tuesday a string of messenger boys delivered floral tributes at the home of Mr. Mather, brother-in-law of Mr. Hay. They came from all parts of the United States, and a number were sent by foreign countries. Some of the designs were shipped from other cities but most of them were made by leading local retailers on telegraphic orders. Early Wednesday the flowers will be taken from the house to the cemetery, where they will be arranged about the grave, while the services are being held in the chapel.

PARK SUPERINTENDENTS.

That distinguished body of horticulturists, botanists and engineers, the American Association of Park Superintendents, has just concluded what we hope was a very enjoyable annual convention at Buffalo. The local committee to arrange for the comfort of the visitors was John Brothers, superintendent of Buffalo parks; Prof. Cowell, superintendent of the Botanic Garden, and Auditor Seymour, of the park department. From some real or imaginary cause Mr. Brothers was absent from the opening and all other meetings. In fact, he was not visible during the week. His place was more than well filled by Mr. Cowell and the full quota of the committee was filled by James Braik, the assistant but actual superintendent of the parks, and as the writer was merely a guest of the committee he has the right to say that they did their duty well.

The meeting was called to order at 10 a. m., June 28. President Wm. A. Egerton, of Albany, presided. The principal business was the report of the secretary, John W. Duncan, assistant superintendent of the Boston park system. After some discussion on dues and the issuing of bulletins, the meeting proceeded to the election of officers. The office of president is one of honor, but not of arduous duties and very properly passes along. The secretary and treasurer (one office) does the work. Theodore Wirth, of Hartford, Conn., received the unanimous vote for president and John W. Duncan, of Jamaica Plain, Mass., who tried hard to be relieved of the secretaryship, was re-elected. Evidently the association knows a good thing when it sees it. Mr. Duncan is an ideal man for the place, patient, courteous, but jolly and enthusiastic in all park work.

Vice-presidents elected are: Byron Worthen, Manchester, N. H.; Edward H. Perry, Niagara Reservation, N. Y.; John Chambers, Toronto; R. H. Warder, Chicago, and E. Baker.

This association seems to confine its work at the annual conventions to purely executive business. There are no essays and hence no discussions. Matters pertaining to the practical management of parks are discussed through the bulletins that are circulated among the

members and doubtless the opinions and advice of many able men are thus given to the members, so the three days are largely devoted to viewing the parks and gardens in the vicinity where the convention meets. You can take my word for it that this is more instructive and much more impressive than an essay on this or that. Every park has some feature wanting in another; there is something to learn everywhere, or perhaps something to avoid.

Before the business session adjourned J. Horace McFarland, of Harrisburg, Pa., president of the American League for Civic Improvement, was given the floor and made a very pleasing address, saying how near allied was the work of his society to that of the park men. "The Civic Improvement society induces cities and villages to make parks and that creates a demand for park superintendents."

After a very pleasant lunch at the Casino on our park lake, a carriage ride was taken, which covered the entire park system of the city, except South park. It was greatly enjoyed. On Thursday special cars took the visitors to Niagara Falls and under the guidance of Supt. Perry all the sights were taken in on the American side and then on the Maid of the Mist and, getting as near the Horse Shoe falls as is safe, we landed on the Canadian side and became the guests of James Wilson, superintendent of Victoria park, Ontario, and he was ably assisted by Roderic Cameron, the head gardener, to whose ability and energy the beauty and splendid condition of this park are largely due. The splendid shrubs, and particularly the herbaceous collections are worth a long journey. You ought to see the refectory in Victoria park! In architecture and unique construction it is a beauty and there we found rest and solid comfort. In lofty rooms and spacious balconies we were bountifully refreshed and Mr. Egerton did not forget to pay a tribute to the hospitality of the Canadian gentlemen.

Then a trolley ride took us the whole length of the Canadian side of the gorge and here Mr. Wilson most pleasantly enlightened us on the construction of the immense power plants on the Canadian side, which when completed will involve an investment of $20,000,000. The car crossed the Niagara on the Lewiston bridge and returned to Niagara City by the gorge route and thence to Buffalo. Few who travel at all have not seen Niagara. I am only going to say that those who only see it occasionally are always impressed with its majesty on their last visit more than any previous one. Just let me say that those young men who write articles for their journals in some large cities about the waters of Niagara being diverted and the falls destroyed by these electric power plants are talking nonsense. All the water they use is in reality but a drop in the bucket. The power houses will be fine architecturally. Supt. Perry told us it was estimated a cubic mile of water tumbled over the bank every twenty-four hours.

Friday the visitors were the guests of Prof. Cowell and spent most of the day inspecting his mammoth conservatory and the South park. The visitors greatly admired the ferns and tropical collections in the many houses under one roof, and this ended their stay in Buffalo, most of the members paying a visit to Rochester on the Saturday.

Charles E. Keith, of Bridgeport, Conn., was the wit and merrymaker of the party. He outdid that barker at Niagara.

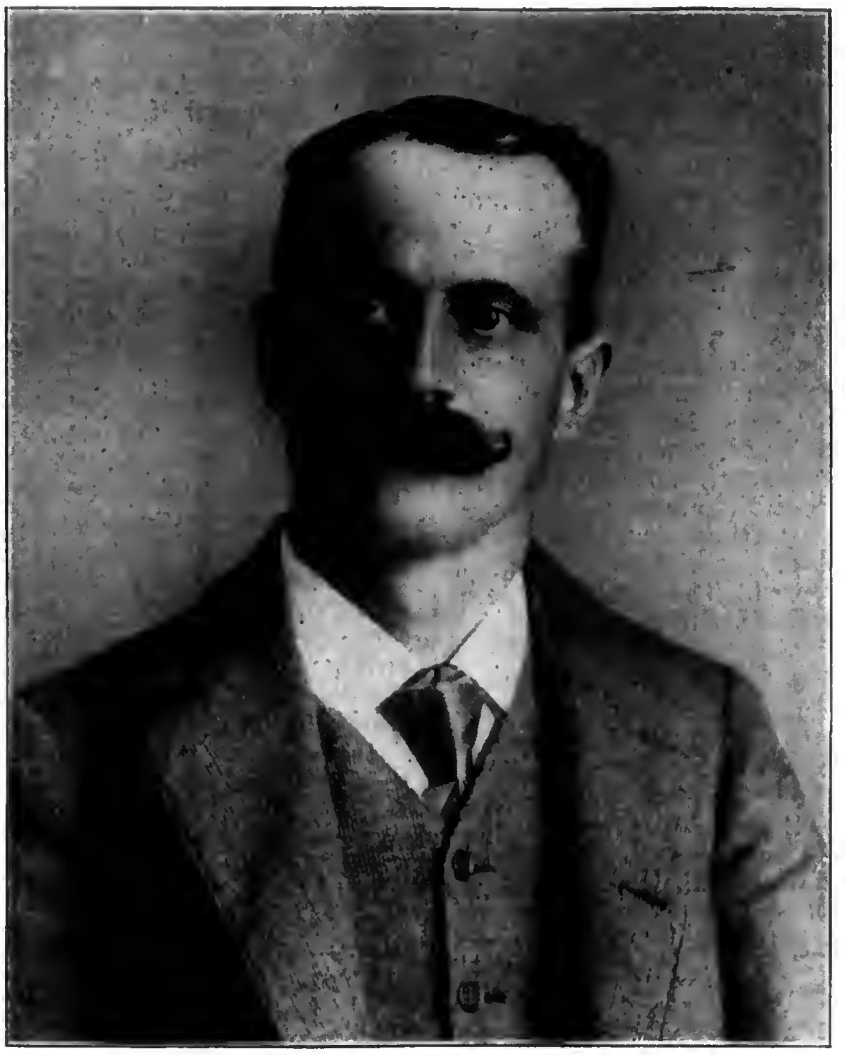
Secretary Duncan says Niagara is wonderfully rich in its native flora. The irrigation supplied by that courtly Mr. Wilson, of Victoria park, was also pure, but rich, not a headache in a barrel of it.

John Chambers hopes he will get the association to visit Toronto very soon. Hope he will!

These park superintendents are a broad-minded set of men. Their work is diversified. What finer calling could there be when politics do not meddle with them?

The following is a list of those present:

Gustave X. Amrhyn, New Haven, Conn.; John Chambers, Toronto; Guy H. Chase, Princeton, Mass.; John F. Cowell, Buffalo; W. B. Desmarteau, Montreal; John W. Duncan, Jamaica Plain, Mass.; John Dunbar, Rochester; W. S. Egerton, Albany; M. F. Flitton, Baltimore; Henry Frost, Haverhill, Mass.; H. A. Hastings, Springfield, Mass.; Arthur Hay, Springfield, Ill.; John Henderson, Montreal; Chas. E. Keith, Bridgeport, Conn.; Isaac Kelly, Lawrence, Mass.; F. L. Mulford, Harrisburg, Pa.; A. Pinoteau, Montreal; J. B. Shea, Jamaica Plain, Mass.; R. H. Warder, Chicago; James Wilson, Niagara Falls, Ont.; Theodore Wirth, Hartford, Conn.; Byron Worthen, Manchester, N. H.; Edward H. Perry, Niagara Falls, N. Y.; James Braik, Buffalo; Jules Crepeau, Montreal; C. C. Laney, Rochester. W. S.



Theodore Wirth.
(President American Association of Park Superintendents.)

BOSTON.

The Market.

A good demand for festivities in connection with Harvard commencement, at which President Roosevelt and numerous other celebrities were present, strengthened last week's market, so that prices are generally lower than a week ago. Roses are not of good quality. Brides and Maids are now coming badly mildewed. Good flowers are scarce. Beauties are little changed. Carnots and Kaiserins of good quality come from a few growers. Outdoor hybrids are becoming scarce and the present week will see about the last of them. Jacqs sold unusually well last week, best quality blooms bringing as high as $8 to $12 per hundred.

Carnations have again a drooping tendency. Very fine Patten, Enchantress, Fenn and Lawson still come in. Sweet peas are coming in more freely from outdoors, but the best flowers have made 50 cents per hundred. Gladioli, coreopsis, cornflowers, feverfew, Iceland poppies and other promiscuous stock is quite plentiful. Peonies are over. Better varieties of these should be grown for our market; too many coming in have been of dull, unsalable colors.

Florists' Club Field Day.

The field day of the Gardeners' and Florists' Club at the establishment of William Sim, Cliftondale, on July 1, proved a highly successful one, about fifty members making the trip. Mr. Sim very kindly had conveyances to carry the visitors to and from the railroad depot. On arrival an inspection of the houses and outdoor crops was first in order. A few specialties only are handled here, being grown in quantity and of first-class quality.

Tomatoes occupied five houses, two of these being 200 feet, one 360 feet and the others 300 feet long. Sterling Castle, Comet and Stone are the varieties grown, the two last being preferred. The tomatoes follow crops of violets and sweet peas and all are grown to single stems and planted in the ground, there being no benches in the houses containing them. All carried a superb crop of splendid fruit. The pick of late has averaged three and a half tons a week, but this will soon be increased to a ton per day. One house of Stone Mr. Sim estimates will yield him fifteen tons. About 20,000 plants are grown under glass. A still larger number are seen outdoors. All are trained to a single stem and are already pinched. These carry a very heavy crop and picking had already commenced. The varieties chiefly grown are Earliana, Sterling Castle and Early Jewel.

Several large houses are devoted to chrysanthemums, the largest being 30x 360. Some of the kinds most largely grown are Polly Rose, Glory of Pacific, Ivory, Bonnaffon, R. Halliday, Cullingfordii, White Bonnaffon, W. Duckham, A. J. Balfour, Merstham Yellow, Henry Barnes, Harrison Dick, Mrs. Duckham, Mrs. Coombes and its white sport and Gen. Hutton. Mr. Sim follows a different procedure from most growers in the treatment of his single stems. After being rooted in the regulation manner, they are planted directly into frames which have been vacated by violets and allowed to grow there until they become stocky plants, the sashes being thrown off entirely once they are established. When transferred to their flowering quarters with nice balls they grow right ahead and are far better than if they had been confined to small pots until probably pot-bound. About 75,000 chrysanthemums are grown. Frames vacated by young stock are immediately filled with violets, which yield a heavy spring crop, when that under glass is on the wane.

Melons are being tried this season. One house and several long frames are devoted to them, American varieties being used. Other crops grown in their season are Princess of Wales violets, candytuft and sweet peas. On each of these Mr. Sim has secured almost a national reputation. Violets in the field look remarkably well. A block of the new variety, Governor Herrick, is being tried and strong hopes are centered in it. The model heating plant having been inspected, our adjournment was made to the packing room, where tables had been set with an excellent collation.

After enjoying the good things provided, Vice-president M. A. Patten, in the unavoidable absence of President Wheeler, thanked Mr. Sim for his generous hospitality and called for three cheers, which were given with a will, followed by the singing of "He's a jolly good fellow." Short addresses were made by several others present. Wm. Nicholson spoke of tomato culture twenty-two years ago, when he got $100 for 100 pounds of tomatoes on July 3 in the Boston market, as compared with 10 cents per pound today. He sold fruit for $2.75 per pound for several weeks during the winter of 1882-3. Other speakers were Peter Fisher, T. J. Grey, W. N. Craig, Thomas Roland, W. C. Stickel and Alex Montgomery, Jr. Every one united in commending Mr. Sim for the beautiful plant he had built after a very uphill fight against hard luck and praised the high quality of the stock seen and the cleanliness which everywhere prevailed. The Cliftondale field day will remain a pleasant memory for all who enjoyed it.

Various Notes.

Schnyder & Co. have recently purchased sixty acres of land in Waban. They will build seven houses 100 feet long to be devoted chiefly to azaleas and bulbous stock. Mr. Schnyder was formerly with Mrs. David Fisher, of Montvale, Mass.

Several of the craft led blushing brides to the altar the past week. J. J. Cassidy, of Doyle's Boylston street store, was married to Miss Margaret Grace Mitchell at Dorchester on June 29. The same day Clinton Gibbs, of the firm of Gibbs Bros., Lynn, was married to Miss Rhodes, also of Lynn. On June 28 Frank J. Delanskey, one of the stall-holders at the Park street market, and who also operates a store in Lynn, was married to Miss Mary Elizabeth Power.

John Walsh, the esteemed manager of the Park street flower market, left on July 3 for a three weeks' vacation to be spent chiefly in and about St. John's, New Brunswick.

William H. Elliott found Safrano his best paying rose the past season. He has a climbing sport from Mrs. Oliver Ames which he thinks well of. Mr. Elliott's family is at present in Madbury, N. H., where he has a summer residence on his 200-acre farm, on which is located his rose house 54x840. He considers the weekly journey between Brighton and Madbury as a fine relaxation.

Thomas Pegler sailed for Europe last week. Departures this week include A. Leuthy, J. A. Pettigrew and George C. Harbison, foreman for W. H. Elliott, at Brighton.

E. N. Peirce & Co., of Waltham, are building two new carnation houses 30x 300 in place of two old sash houses. Benches will be of cement and tiles, each five feet wide. They are also installing two powerful new steam boilers.

William Spillsbury will locate on his new place about October 1. He owns twelve acres of land in Reading and already has one house 30x200 which at present carries a heavy crop of cucumbers, but will later be devoted to single violets.

We are very well satisfied with returns on our season's advertising in

THE WEEKLY FLORISTS' REVIEW

Everything has been cleaned up in good shape except a few Nutt geraniums. We shall have a new adv. soon.

STOVER FLORAL CO.

Grandville, Mich., July 3, 1905.

Brown tail and gypsy moth caterpillars are getting in their work with a vengeance now. Great tracts of woodland are entirely destitute of foliage. So bad are the pests in some sections that pedestrians almost slide over the ground, which is swarming with them. Some parasites have recently arrived from Japan and it is hoped will in time help to reduce their numbers. Poisoning caused by hairs from the brown tail caterpillars is very prevalent all over the infested districts.

Peter Fisher states that cut worms were unusually destructive among his carnations this season. He finds a mixture of shorts and Paris green, sweetened and dampened by molasses and water and squeezed into little chunks, very effective as a poison.

George Sibthorpe, of Wellesley, recently opened a flower store in that town and reports sales as very satisfactory.

Increasing interest is being taken in the Gardeners' and Florists' Club picnic to be held on July 25, at Randolph Grove, and a very large attendance is assured.

Galvin had some choice designs for the late secretary of state, John Hay, this week, one order for a choice orchid wreath coming by cable from the American embassy in St. Petersburg.

The New Bedford Horticultural Society will make an exhibit of 300 varieties of dahlias at the September show of the Massachusetts Horticultural Society, to show what an advance has been made in their culture in that city.

John K. Alexander, of East Bridgewater, one of the largest of the Massachusetts dahlia specialists, has 100,000 plants in over 600 varieties in the field, including many new sorts from England.

We enjoyed fine seasonable weather on the great and glorious Fourth and have not yet heard of any casualties to members of the craft from celebrating.

Something in the nature of a tornado struck this vicinity June 26 and three-quarters of an inch of rain fell in ten minutes. Hail did some damage to greenhouses. At Wakefield Samuel T. Parker lost several hundred panes of glass and others were hard hit.

J. B. Velie, Boston representative of the Lord & Burnham Co., was married to Miss Janet M. Hunter, of Irvington-on-Hudson, on June 21. They will make their home in Somerville. W. N. Craig.

DETROIT.

Club Visits Toledo.

On June 29 the Detroit Florists' Club to the number of twenty-seven boarded a special car to pay a friendly visit to the craft in Toledo, O., a suburb of Detroit, sixty miles distant. The car was stocked with the necessary material for irrigation and fumigation and the time was spent in playing cards, Mr. Dilger being the best-natured loser. On our arrival the car was met by a delegation of the Toledo florists and our party taken to the Farm, where an elaborate repast was spread for our refreshment. The decorations were in keeping with the viands. As soon as cigars and coffee were reached Mr. Heinl called on Mr. Bayer, of Toledo, to act as toastmaster for the occasion, which position he filled with much credit to himself. Mr. Watson, president of the Detroit club, in a very neat speech thanked the florists of Toledo for the courtesies extended. Mr. Sullivan, secretary of the

WE DON'T PROPOSE

to suspend business just because summer is at hand. **Not by a long shot.** We have, and shall have, a fine cut of fancy Kaiserins and especially good Beauties. Also all other items of seasonable stock.

Send us the order; you'll get what you want, promptly, and the best in the market.

"GREEN GOODS" FOR ALL SORTS OF USES

We close at 5 p. m. during July and August.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **CHICAGO, ILL.**

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$3.00 to $4.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Chatenay	3.00 to 6.00
Kaiserin, Golden Gate	3.00 to 6.00
Liberty	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Peonies, per doz., 50c to 75c	4.00 to 6.00
Valley	2.00 to 4.00
Auratums, per doz., $1.50	
Easter Lilies, per doz., 1.50	
Sweet Peas	.25 to .50
Feverfew, per bunch, 25c to 35c	
Marguerites	.75
Shasta Daisies	1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 5.00
Galax, per 1000, $1.25	.15
Adiantum	.75
Smilax, per doz., $1.50	10.00
Fancy Ferns, per 1000, $1.00	.15

Subject to change without notice.

Mention The Review when you write.

club, urged the formation of a club in Toledo as tending to bring about a more friendly feeling among the members of the craft and urged a large attendance at the convention of the S. A. F. in Washington.

The party then walked to the greenhouses of Mr. Heinl, where they found everything looking fine, the planting of roses being under way with all the soil sterilized. A field of carnations of 30,000 plants, all healthy and large for this time of year, was a beautiful sight. Mr. Heinl is erecting cement benches to replace the wooden ones as fast as possible. Here the party divided, a part returning to the Farm, where a match game was bowled between Detroit and Toledo, five men on a side, and for the first time in history Detroit won by 95 pins. The non-bowlers visited the large plant of George Bayer, constructed on the Dietsch plan, and found his houses full of carnations and tomatoes, with 50,000 chrysanthemum plants outside to replace the tomatoes. A visit was made to Krueger Bros. and also Davis & Magee, after which the party was transferred across the city to Walbridge park, where Mr. Zirhus, the genial superintendent, took us in charge, showing us through the greenhouses, containing many valuable tropical specimens. A lunch was served here under the shade of the trees, to which ample justice was done. A trip in a steam launch up the beautiful Maumee river for four or five miles was much enjoyed. All returned to the Farm, where good-byes were said and an invitation extended the Toledo brothers to return the visit and a most enjoyable day was ended and the party left for Detroit at 10 p. m.

The pleasure of the day was very much enhanced by the company of E. H. Cushman, from Sylvania, O. RAG.

RICHMOND, IND.—Mr. and Mrs. E. G. Hill are expected home from Europe July 25.

TORONTO, ONT.—J. H. Dunlop is making a rush job of this season's addition to his glass in order to have the new range ready for early planting.

CHICAGO.

The Market.

The last week of June was one of the most satisfactory of the spring season, for business continued quite active up to the very last day of the month. The city florists had a good many weddings and a great deal of funeral work and the call from out of town was all that it ever is at this season. The result was that the peony crop has cleaned up equal to the expectations of the most sanguine and better than many wholesalers thought possible. There are only a few hundred dozens left. They are all in good shape and prices have been stiffened to make the supply last for a few days longer.

Beginning July 1 there was a break to the summer level. Business has been very quiet, as was to have been expected. Saturday is never an active day in the summer, there is little doing Sunday, Monday was the day before the Fourth and on the nation's natal day the florists all go to the picnic. Wednesday morning saw a little business stirring, but not more than enough to create a ripple on the surface of the market.

With the first of the week receipts of roses increased materially and there are more than adequate supplies, quality averaging quite up to the best that might be expected of July. The buds are not large, but the color is good and so is the substance. Foliage is clean with most growers. Kaiserin commands the best price, Liberty next, Brides and Maids weak in price and Chatenay at the foot of the list.

Carnations are also in increased supply and selling at very low prices. Quality is very good and the growers are slower to throw out the old stock than had been expected. The call for funeral work has made a fair market for the lilies and also for the lighter colored odds and ends of outdoor stock. Dahlias are arriving in limited quantity. The supply of sweet peas is something tremendous and no profitable market can be found for other than the extra select bunches. The outlet for "green goods" has been closed since the end of the month and prices are at a very low level.

Will Ask a Rebate.

The Chicago Wholesale Florists' Association, which took care of the teaming interests while the express companies were tied up, has been perpetuated for the general good and one of the first efforts will be to induce the express companies to refund all or a part of the $841.60 expended in making the pick-ups which the express companies usually do without cost to shippers. Express officials have stated to wholesalers that the cost of the pick-up service is 32 cents a package, incredible as it may seem. The cost to the Wholesalers' Association was only a little over 11 cents, so that, so the wholesalers say, the companies will be really saving money by paying the bill!

Various Notes.

P. J. Hauswirth had the decoration for a dinner to 750 homeopathic physicians at the Auditorium June 30. But he made the decoration on the allopathic principle, stock being cheap.

The funeral of Graeme Stewart on June 29 bought out one of the largest floral displays ever seen in the city. All the leading retailers had a share.

It is something surprising the way George Reinberg's cut is keeping up this summer after the big crops of the winter.

Mrs. Horton, of Bassett & Washburn, is spending the week at Tomahawk Lake, Wis.

There was a very good attendance at the special club meeting last Friday evening. Some of the members will make an expedition to Milwaukee this evening for the purpose of stimulating the convention enthusiasm there.

Charles Erne, of E. H. Hunt's, is at Terre Haute, his old home, for a vacation. Miss Lillie Tonner, who has charge of the supply department at Hunt's, leaves Saturday for a trip to the Portland exposition.

P. J. Hauswirth goes to Buffalo Saturday for the Elk's gathering.

One of the week's visitors was J. L. Dillon, of Bloomsburg, Pa., on his way to New Mexico, where he has interests.

The daily papers chronicle the slugging, by a highwayman, of Thomas Boul-

During July and August

the best stock will be the cheapest stock to buy. We can give it to you in Roses, Carnations, Lilies, etc. Extra care in selecting and packing has made our summer business large.

CANDIDUM LILIES

now on hand, put up 50 in a bunch, at $1.00 per bunch. No cheaper flower in the market for funeral work.

Our store closes at 5 p. m. during July and August.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

ter, said to be a florist at Highland Park. He is not expected to recover.

John Zech has been taking advantage of the lull this week for a few day's fishing.

One of the week's visitors is Edward Aschmann, son of Godfrey Aschmann, the widely known Philadelphia plantsman.

ST. LOUIS.

The Market.

Considering the season, trade in the florists' line has been fairly good the past week and about the only complaint we have to make just now is of the quality of stock that is coming in. Funeral work is about all that is going on among the local retailers, but it kept some of us rather busy the past week. The supply of roses seems to have shortened still further. Fancy grades in these are hard to obtain. A few good long Beauties are still obtainable. Short stock is plentiful. There are very few fancy carnations in the market, which command $2 per hundred. Clean-up sales at a few cents below the regular market prices are quite frequent of late, leaving nothing over for afternoon trade. The recent heavy rains have spoiled a great many sweet peas and other outdoor stock.

Interviewing several of the leading retailers the past week, they report the season as a whole very satisfactory from their standpoint. Some of the growers, though, are not so well satisfied with the prices they received for their consignments. The wholesalers say that good stock, which came in good shape, always brought good figures during the season.

Various Notes.

The trustees of the Florists' Club are working hard to make the annual picnic a big success. The place has not yet been selected. Several places are under consideration. The date and place will be announced at the club meeting next Thursday afternoon.

Some of the members of the bowling club are bowling twice a week now, so as to be in first-class trim for the Washington tournament. As it looks now some of our best bowlers will not be able to make the trip, so the make-up of the team, as it looks at the present time, will be C. A. Kuehn, F. C. Weber, Theo. Miller, Fred H. Meinhardt and J. J. Beneke, with Henry Lohrenz as extra man.

Friends of Messrs. Weber and Miller have received letters that both arrived safely in Germany and are enjoying the best of health. Both are looking forward to meeting a large delegation at Washington in August.

The Growers' Club held a special meeting at the Michel Co.'s office on last Wednesday night with a fair attendance.

Mr. and Mrs. William Ellison and their daughter left last week to spend the summer at the northern lakes.

The Eden Floral Co., at Eighteenth and Olive streets, has closed up and sold the fixtures.

Mr. Hibbert, of the Hibbert Floral Co., De Soto, Mo., paid us a visit on Monday and bowled with the boys in the evening. J. J. B.

PITTSBURG.

The Market.

Summer is here, with all it means to the retailers. Everything has that July look we all know so well. The help in the stores are taking vacations and those who are left do not seem to have very much to do. Stock is in the usual summer condition. Maids and Brides show the heat, but Kaiserins and Beauties are good, so that it is not necessary to turn down any orders. Lilies have become quite scarce in this market; good ones are bringing $15 per hundred.

Various Notes.

The Pittsburg Cut Flower Co. is handling some very fine Beauties, Kaiserins and valley and says that, while the retailers complain of nothing to do, they find trade very good for the time of the year.

The Pittsburg Florists' Exchange was compelled to vacate its store in a hurry last Saturday. In excavating for a new building next to them the foundation of their building, which was a very old one, was weakened, and the building inspector ordered them out. Fortunately there was a vacant store directly opposite, into which they moved, and are now ready for business as usual.

Ben Elliott, who went to California, is established in the feed and fuel business in Los Angeles. His many friends wish him success.

The Botanical Society of Western Pennsylvania has taken to the woods with the botanists from New York, Philadelphia and Washington. The meeting and start were at Ohio Pyle on July 5.

Club Outing.

The prospects are that the outing July 12 will be the best attended in the history of the Gardeners' and Florists' Club. The boat leaves the foot of Market street at 8:30 a. m. Everybody is going. The program includes twenty-six "events," principally races, but including a tug of war, baseball game, etc. There are prizes enough so that every one should get some sort of a souvenir, ranging from ladies' handkerchiefs to registering thermometers and including two watches. The donors are Fred Burki, E. C. Ludwig, Fred Ruch, John Bader, Christ Rieger, G. Ludwig, Jos. Jones, The Pittsburg Florists' Exchange, H. L. Blind & Bro., J. W. Ludwig, W. C. Beckert, The Pittsburg Cut Flower Co., T. P. Langhans, Dimling Bros., Bernard Gloeck, Breitenstein & Flemm, W. A. Clarke, L. I. Neff, Geddis & Blind Bros., H. C. Buechler, E. Zieger, H. Bayersdorfer & Co., P. S. Randolph & Co. and others. The judges are to be H. L. Blind and T. P. Langhans.

Hoo-Hoo.

NEW YORK.

The Market.

The last week of June in the wholesale market was the best one of the month and up to Saturday prices were quite generally satisfactory. The closing of the schools on Friday was clearly demonstrated by a dull Saturday and no little grumbling could be heard at the advent of the two months of expected but unwelcome summer depression. There will be little else to report as to market conditions from now until September.

Roses and carnations all last week were strong and the demand excellent. There was little to complain of. Orchids hold steadily at 75 cents for the best Cattleya gigas, of which variety McManus carries a grand stock.

Various Notes.

Young & Nugent have retained their front window space for palm display, over their store on the ground floor, and Phil Kessler opened Monday of this week his wholesale place in the center of the room, his ice-box being in place. Mr. Nugent's private office is in the rear and is handsomely fitted up for the house warming.

SEND TO US FOR

All Your Needs

WE shall have during the summer, as always, everything to be found in any cut flower market at the season. Send us your order, no matter what you want. We have a reputation for filling orders when others fail.

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE FLORISTS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES	Per doz.
Long	$3.00 to $4.00
Fair Length	2.00 to 2.50
Medium	1.50 to 2.00
Short	.75 to 1.00
	Per 100
Brides	$3.00 to $6.00
Bridesmaids	3.00 to 6.00
Liberty	3.00 to 8.00
Chatenay	3.00 to 5.00
Golden Gate	3.00 to 6.00
Roses, our selection	2.00 to 3.00

CARNATIONS	Per 100
Special fancy varieties	$1.50 to $2.00
Good average	1.00 to 1.50
Harrisii, per doz., $1.50	
Auratum Lilies, per doz., 1.50	
Candidum Lilies	4.00
" " stalks	15.00
Valley, our specialty, best	4.00
Daisies	.60 to 1.00
Sweet Peas	.50 to .75
Smilax	15.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus, per string, 30c to 50c	
Common Ferns, 1000, $1.50	.20

Subject to change without notice.

Packing and Delivery at cost.

Mention The Review when you write.

Elliott's settlement in the new place on Fulton street was accomplished without jar, and the veteran auctioneer seems already quite at home there. Another house warming is in order.

Announcement is made of the $50,000 capitalization of the Thos. Young, Jr., corporation, with Messrs. Sharkey, Susanson and McAniney as directors.

Amelia, daughter of Chas. Koch, of Flatbush, was married last Wednesday to Clarence Brown. Another Clarence in the horticultural section is reported to have similar ambitions.

C. Wayne Ward, of Ralph M. Ward & Co., has completed his season's travel and is now summering at Asbury Park.

Nick Schreiner, of J. K. Allen's force is spending a few weeks at Cairo, in the Catskills, with his wife.

Jack Gunther and family leave shortly for their usual warm weather residence at Far Rockaway.

J. Henry Thomas, representing R. M. Ward & Co., sailed last Saturday on the Philadelphia, for a business trip in Europe and will, while abroad, attend to the firm's shipments and importations.

Several of the seedsmen contemplate a trip to the Portland exposition in August. This may prevent the attendance of some of the S. A. F. celebrities.

Interest grows in the Washington convention. There will be a big attendance from New York. The stopover at Philadelphia for lunch will be a pleasant interlude. There is a rumor that Cincinnati wants the society in 1906. She has been waiting patiently a long time. Brother Gillett's invitation speech will be a masterpiece, something like the one that swept us to Asheville. Only a little more than a month before the yearly reunion materializes.

One of the coming places, with beautiful landscape effects, and unique plantings is that of S. R. Guggenheim, of the Lakeside Gardens, Elberon, N. J., where 30,000 square feet of glass and thirty acres of land give opportunity for effective work. Herbert Hall is the gardener in charge. He is a young man of fine ability, a graduate of the Royal Botanical Gardens of Edinburgh, Scotland, where he had charge of the experimental department. He also mastered the nursery business and private gardening at two of the best private places in the north of England, and was for twelve months in charge at Greystone on the Hudson.

Jas. Fraser, superintendent of Cedar Court, Morristown, N. J., sailed last week for Europe.

The Outing.

The club's outing, as stated in last week's issue, was a great success. A record attendance—nearly 300—and a perfect day made the occasion memorable. One of the young lady runners dislocated her knee in a fall on the primitive running field. Her friends will be pleased to know permanent lameness has been avoided, and the kindness of all her fellow voyagers was much appreciated. The facilities for athletics were not equal to last year's but the enjoyment of all on the boat was complete and prize distributions and dancing, with an abundance of refreshments, made the sail home a delight to all.

It is more than likely the desire for novelty and the necessity for a good square meal may lead the club to Glen Island or New Dorp next year. Otherwise Wetzel's, with its fine table service and proper sporting facilities, will doubtless again be chosen, and a later date set, so that the closing of the schools may not again interfere with the attendance. Had the outing been held early in July there would have been over 400 there. Louis Schmutz secured first honors for family representation with an even dozen, but Mr. Moore, of Moore, Hentz & Nash did nobly with a family of seven. It was a most harmonious and representative gathering, by far the best in number and interest in the club's history.

John G. Esler made a grand run in the old men's race and was only beaten by a nose. He had some very interesting hailstones on tap and is enthusiastic over the success of his organization.

Louis Schmutz, Jr., and his brothers managed the ladies' bowling and had their hands full all the afternoon, missing the entire program of sports in their devotion to the fair sex. Burns, Bunyard and Langjahr were field managers, with the president as general overseer. Too many "events," as usual, left little time for enjoyment of the beautiful grounds. Over $300 worth of handsome prizes were given, including silver tea sets, pitchers, candelabra, watches, gold-headed canes, cameras and dozens of articles dear to the hearts of the ladies.

The most interesting event was the lottery race of Cleary's and the suit of clothes was won by Mr. Dreyer, whose luck has been running strong for over a year.

Harry Bunyard and his force of judges had a hard time deciding the baby prize. They were all beautiful! The babies, not the judges.

The single men played poor ball, and were easily defeated.

The following were the results of the various "events":

Ladies' bowling match, Mesdames A. L. Miller, Jaeck, Torberg, A. Gaynor, Whitman, Schmutz, Jr., Miss Whitman, Lentz, A. Smith, Yocke, Crevelling, Donaldson, Rue, M. Crevelling, A. Schmutz, in order named.

Ball game, married men 22, single men 8.

Press bowling, J. A. Shaw first, J. H. Pepper second.

Bowling match, John Donaldson, F. Lentz, A. Zeller, John Scott, A. J. Guttman, A. J. Schmutz, A. L. Miller, W. H. Siebrecht, W. C. Mansfield, J. Frank, in order named. Spare prize to J. Donaldson.

Handsomest baby, Rose E. Smith, Woodside, L. I.

Girls' race, under 6, Agnes Kessler first, Eloise Schmutz second.

Boys' race, under 6, Walter Pepper first, Franklin Adams second.

Girls' race, under 7, Ethel Adams.

Boys' race, under 7, Fred Pepper.

Girls' race, under 8, Edith Van Wicklen first, Olive Iler second.

Girls' race, under 10, Marion Hughes first, Ellen Lenker second.

Boys' race, under 10, Arthur Weston first, Gustav Koppel second.

Girls' race, under 12, Lucy Butterfield first, Ellen Birnie second.

Boys' race, under 12, Wm. Iler first, Thomas Adams second.

Girls' race, under 16, Annie Birnie first, Nellie Erhard second.

Boys' race, under 16, Herbert Adams first, Warren Burns second.

Weight throwing, John Nugent, Jr., first, H. H. Lorenz second. Prize went to second man, as it was donated by Mr. Nugent.

Young ladies' race, Agnes Birnie first, Lillian Nugent second.

Married ladies' race, Mrs. Miller first, Mrs. Adams second.

100-yard dash, A. J. Guttman.

Quarter-mile race, H. H. Lorenz first, Arthur Helfich second.

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

Sack race, F. Smith.
Fat men's race, Frank H. Traendly.
100-yard race, men over 50, S. Burns.
Potato race, Mrs. F. Smith first, Miss A. Birnie second.
Special contest, R. Dreyer.
Young ladies' race, special, Miss Manda first, Miss Gaynor second.
Three-legged race, Miss Iler, Miss Manda, Miss Curry, Mrs.. Iler.
Walking match, Ellen Lenker.
Fat men's race, special, F. Smith.
Special race, Miss A. Birnie.
50-yard race, backwards, A. Demeusy.
Consolation prizes to Josephine Traendly, Ethel Donaldson, Cora Lenker, Gwendolyn Hoerschden, Ed Manda, Roy Pepper, Wm. Callagan, Charles Trumpore, Wm. Manda, Wm. Hughes.

J. Austin Shaw.

PHILADELPHIA.

The Market.

The market has features despite July and the great national holiday. There has been a pronounced demand for Beauties of good quality, met by an unusually choice supply, the Leo Niessen Co. having plenty of flowers of this fine rose that are up to winter form. Kaiserins and valley have also come in for a share of the demand. There are a few fine Maids, Brides, Carnots and Chatenays about, while Liberty from several growers is excellent. Carnations have shortened up considerably. Reid is getting some nice ones, while S. S. Pennock's Lawson, Queen and Queen Louise from "down east" are fine. Sweet peas of good quality are selling a little better than a fortnight ago, but the quantity of presentable flowers is much reduced. Asters are not a factor yet. The stores do not care for the small, early ones. Peonies can still be had in quantity. The Flower Market is handling the bulk of the cold storage stock and say they can fill an order for several thousands. S. S. Pennock has some that he has kept in storage at his own place. Candidum lilies are over, but fine Harrisii can be had, both at the Flower Market and S. S. Pennock's. Iris and coreopsis are abundant. Business in cut flowers, plants, seeds and florists' supplies is above the average at this season.

Various Notes.

Henry A. Dreer put an effective aquatic display in the window with their perennials on Wednesday. George Parsons states that the demand for seeds of the various varieties of digitalis, delphiniums and other hardy biennials and perennials has been far in excess of previous years.

Visitors at 1220 Race street are attracted by the steadfast gaze which Uncle Theodore and his companion, Billy, fix on the new gallery over the office where the screens are displayed. Uncle Theodore is not Mr. Rice's uncle, neither is he Mr. Eschner's, but they call him Uncle Theodore from courtesy. He has only come to this country lately; a most interesting personality.

H. H. Battles has added the store at 110 S. Twelfth street to the famous 108. Mechanics are busily at work turning it into a modern shop. The partition is down, the gallery will be extended, the show window arranged so that it will make a harmonious whole.

Charles F. Krueger has leased his greenhouses at Narberth, Pa., to David Emery, formerly a private gardener. The stock of plants, tools, etc., was purchased by him at the same time, their value being appraised by Robert Craig and C. E. Meehan.

The Finley Acker Co. will open a flower shop in connection with their "Quality store" at Twelfth and Chestnut streets about July 15. This department will be in charge of Mrs. Moore, widow of a former Trenton florist.

Ernest Wannemacher will have a conservatory adjoining his store at Overbrook, Pa., using Lord & Burnham material.

William Linden, backed by a silent partner, has leased the greenhouses and store at Mount Airy, successively operated by Lewis Billger & Son, Billger & Blakeborough, Colflesh & Whittemore and Morris Myers.

William E. McKissick has withdrawn from the Leo Niessen Co.

G. L. Huscroft, of Steubenville, O., was a visitor this week.

J. A. Smith, the popular representative of the H. F. Michell Co., is away on his vacation this week.

Henry Diehl has succeeded David Emery at Judge Wiltbank's. Mr. Diehl has an enviable reputation as a skillful grower. Curiously enough his present place is next door to the one he held for so many years at the late Edward T. Steel's.

John Savage has vacated his greenhouses at Mount Airy.

Reading G. Palmer wishes to dispose of his house and two greenhouses at Doylestown, Pa.

Paul Berkowitz is too busy to take a holiday at present, but will join his family in the mountains near Altoona over Sundays.

Charles E. Meehan and Mrs. Meehan spent last Sunday very happily in New York, where they went for a visit. Somehow J. Austin Shaw missed them. I can't exactly explain it.

Two Bostonians, Messrs. Leuthy and O'Brien, were here recently, visiting Dreer, Harris, et al. The former has gone abroad. The latter has returned to the Hub.

D. T. Conner has accepted an order for greenhouse material from a West Philadelphia man, whose name I can't recall. I remember very distinctly, however, that he is going to use wire glass, his own make!

H. Bayersdorfer expects to sail from Antwerp in the Zealand July 15.

Mark Reeves has been appointed administrator of his father's estate. He will, under the insolvency laws, have one year in which to settle with the creditors.

Clarence J. Watson is in command during S. S. Pennock's absence in Westerly over the Fourth.

L. Reuter, son of S. J. Reuter, has leased the Bunting greenhouses.

F. & H. Mergenthaler will add some carnation houses connecting with their stock house. Work is progressing rapidly.

A greenhouse on top of a coal mine is the latest novelty. Neither this nor the triple alliance can faze D. T. C.

M. Rice is busily engaged on his new catalogue. He says "the most complete supply house will send out the finest catalogue ever seen."

George Anderson is sending some nice Carnots to Pennock Bros. The Anderson farm at Garrettsford has

been sold. It is thought the greenhouses will be taken down.

B. Eschner and Mrs. Eschner were away over the Fourth.

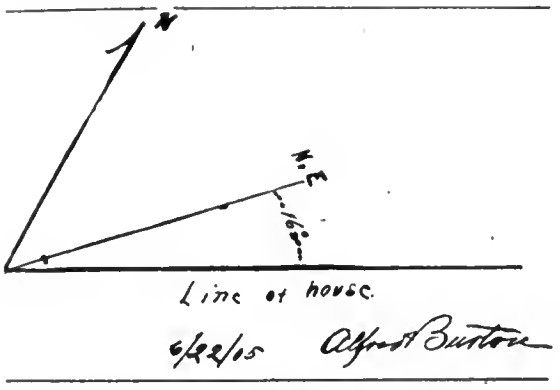
G. C. Watson disapproved the paragraph that appeared in this column last week, to the effect that now that he has "absolved S. S. Pennock from the charge of being a loafer others may hope." This was intended to be taken in a Pickwickian sense, a note of approval to Mr. Watson's cracker-box story. Should I desire to describe a very hard working man I would say he works as hard as S. S. Pennock. Should I desire to describe a clever writer I would say his style reminds me of Geo. C. Watson.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

41.—At what angle has Mr. Burton laid out his new houses?

Ans.—The following diagram is self-explanatory.



The idea is to get the greatest amount of sunlight possible in winter.

PHIL.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Rose grower, thoroughly experienced, to take entire charge of rose section and be responsible for results; must furnish A1 references; state salary wanted. The Gasser Company, Euclid Avenue, Cleveland, Ohio.

SITUATION WANTED—As foreman in rose and carnation section or general stock; able to take entire charge; 20 years' experience; O. K. references. Address No. **56**, care Florists' Review, Chicago.

FOR RENT—7000 feet of glass, well stocked for the trade; want to sell stock and rent greenhouses. Address No. **61**, care Florists' Review, Chicago.

WANTED—Three helpers in rose houses; steady positions. J. F. Wilcox, Council Bluffs, Iowa.

SITUATION WANTED—Practical florist, manager of store; decorating, design work a specialty; grower of fine roses, carnations, mums, general stock. Florist, 47 Miami Ave., Detroit, Michigan.

WANTED—Two assistant rose growers for large commercial place; must have experience. The Gasser Company, Euclid Avenue, Cleveland, Ohio.

FOR SALE—At Doylestown, 2 greenhouses, 20x110, 60x24, double thick glass, steam heat, etc.; also frame dwelling, 10 rooms, steam heat, fronting on Willow Grove Turnpike; trolleys pass the place every 15 minutes; all complete for $4000.00; a bargain. Address R. G. Palmer, Willow Grove Turnpike, Doylestown, Pa.

FOR SALE—Or rent, in N. E. Iowa, a good florist business inside city limits of 5000; 12 acres of land; 10,000 feet of glass; heated with hot water; good 8-room house and a barn in the best of condition; a fine chance for a young florist; reason for selling, age. Address No. **59**, care Florists' Review, Chicago.

WANTED—Business manager in every town to manage branch office and superintend force of salesmen; big money; experience unnecessary; no canvassing; can be handled with other work or business; references; particulars on application. Knight & Bostwick, Nurserymen, Newark, New York.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

SITUATION WANTED—By rose grower, to take charge. Address No. **57**, care Florists' Review, Chicago.

WANTED—To rent, some greenhouses in good condition, in Chicago or nearby. Address No. **58**, care Florists' Review, Chicago.

SITUATION WANTED—Gardener and florist wants steady position; 22 years' experience in trade. Address No. **62**, care Florists' Review, Chicago.

FOR SALE—One 12-section "Royal" hot water heater; good as new; price, $100.00. Apply to The H. Keitsch & Son Co., 810 Main Street, Buffalo, N. Y.

WANTED—By July 15 or later, competent reliable foreman for three greenhouses; 10,000 feet of glass; must be a man with unquestionable character and ability, and who is well versed in growing carnations, roses and general line of plants; also capable of helping in floral work and filling plant orders; precentage paid on total receipts preferred, or wages; permanent place for right man; one who speaks German preferred. For particulars address, with reference, Charles Otto Horn, Grandon Greenhouse, Helena, Montana.

WANTED—No. 5 or larger Kroeschell boiler; state particulars. Address No. **60**, care Florists' Review, Chicago.

WANTED—Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. Kellogg, Pleasant Hill, Mo.

WANTED—A grower of carnations, mums, and general stock, capable of taking charge; state reference, experience and salary expected. Address John Dieckmann & Co., Wheeling, W. Va.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—Two No. 55 Hitchings sectional tubular heaters; capacity, 2,000 feet 4-in. pipe; used 3 years; A1 condition. A. R. Paine, Baldwinsville, Mass.

FOR SALE—A 9-room dwelling, 3 greenhouses with cold frames, in a university town of 6000; greenhouses well stocked; good trade; a death the cause of sale. For particulars, address L. G. Rollston, Fayetteville, Ark.

FOR SALE—On account of bad health I wish to dispose of my greenhouses and florist plant; 21 acres of fine land in the suburbs of Memphis, Tenn.; three houses on place, one nine-room; greenhouse 200x40; all necessary outbuildings, with large barn; three large hotbeds with sash, and smaller ones; doing a good business; will sell, lease or rent, or will give a good man with a small capital one-half interest in the business if he is an up-to-date man and understands the florist and gardening business, but must be A1 man in every respect, with good recommendations. J. Pierce, P. O. Box 154, Memphis, Tenn.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

FOR SALE—Cucumber forcing houses; fine property; dwelling; waterworks; all complete. Address No. **44**, care Florists' Review, Chicago.

WANTED—To correspond with an up-to-date saleswoman and designer in regard to taking position. Address Lidgerwood Greenhouse, 122 Post street. Spokane, Wash.

WANTED—A good grower of roses and carnations; to right man I have a good position; house for married man; give experience and wages wanted. Address Joe Tosini, Sioux Falls, South Dakota.

WANTED—Single man with practical experience in bedding and blooming plants; give reference, age and wages without board in first letter. Fuhlbruegge Bros., Winona, Minn.

FOR RENT—Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47**, care Florists' Review, Chicago.

WANTED—Good grower of roses and carnations in two small greenhouses, 14x45; must be sober, honest, industrious and single; wages, $20.00 a month with room and board; references required. Address Mrs. C. P. Worthy, 515 N. Main St., Paris, Texas.

WANTED—Young man desiring to get acquainted with greenhouse work. Otto Bourdy, Lowell, Mass.

WANTED—First-class man who can grow A1 roses and carnations; $65.00 per month to start; must furnish satisfactory reference. Address No. **51**, care Florists' Review, Chicago.

FOR SALE—Greenhouse and land; a good opportunity for anyone wanting about 5000 feet glass; convenient; well located; city water. For particulars address Box 842, Marion, Iowa.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester, N. Y.

FOR SALE—Retail flower store in suburb of Chicago; small investment required and good profit certain for active young man or woman with a little experience in catering to first-class trade. Address No. **50**, care Florists' Review, Chicago.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants. sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

FOR SALE Fourteen thousand feet of glass; water heat; commercial business with considerable local sales; large brick residence. Address **Flora T. Howell, Lock Box 14, Pine Bush, Orange Co., N. Y.**

Help Wanted

A steady, sober man, married preferred, as rose propagator. A steady position to the right man. Position can be had at once. Address

NANZ & NEUNER, Louisville, Ky.

FOR SALE Floral plant, near Minnehaha, containing five acres of land, platted into thirty lots; about 1200 feet frontage on two streets; 19 greenhouses with plants, flowers, etc.; two heating plants, five-room house, barn and other buildings, costing the owner upwards of $16,000; will sell at the very low price of $6,000, including one horse, one wagon, one cart and a quantity of loose four-inch iron pipe; a great opportunity for money-making; reasons for selling, old age. Apply to **GEORGE H. MILLER, 330 Lumber Exchange, Minneapolis, Minn.**

GLASS! GLASS!

New double B, hand-made tank glass, boxes never opened; shipped from New York, Chicago or St. Louis. 16x24, 16x18, $2.78 per box; 12x14, $2.63, and 10x12, $2.25 per box. Also some A glass at low prices. Pipe—Sound, second-hand, used in large hotel near fair grounds; 2-inch, 6½c per foot; 1¼-inch, 4c; 1-inch, 3c; ¾-inch, 2½c. Also valves, etc., shipped from St. Louis, Chicago or New York. Gurney boiler, sectional, 2200 sq. feet radiation, $70.00. Rider hot-air pump, $60.00. Also gasoline, $75.00. Prices Chicago. Also a lot of 3x6 hotbed sash. Address G. & F. Blanchard, 45 La Salle Street, Chicago.

FOR SALE
2 Hot Water Boilers

capable of heating 5,500 feet each of 4-inch pipe, as good as new. Apply or write to the

SUPERIOR MACHINE and BOILER WORKS

129-131-133 W. Superior St.

CHICAGO.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

It is announced that Leonard H. Vaughan, of Chicago, is to be married July 17.

The first Harrisii are due this week but the main early shipment is expected on the boat leaving Bermuda July 14.

R. J. Reifel, of the Rocky Ford Hardware Co., Rocky Ford, Colo., was a recent visitor at Chicago. He reports that the melon crops of Rocky Ford look well and that a good crop of seed is expected by the Rocky Ford seed growers.

Fort Worth, Tex.—The American Seed Co. is a new corporation here. The company intends to do a wholesale seed business. The capital stock is $10,000. The incorporators are A. E. Bell, F. M. Bell, M. A. Benton, T. W. Sabatt, all of Fort Worth.

The onion set harvest at all points will be begun two weeks earlier this year than last. This is owing to the earlier spring this year. The fact that an early harvest insures a good, sound, long-keeping bulb will be good news to those who buy in the fall and sell in the spring.

The week's reports show no improvement in the bean situation. Quite a number of farmers have sent in word that their ground was not in shape to plant at the time beans should have gone in and many acres that were to have been sown to beans will be taken up with some other crop.

THE LONDON LETTER.

Bright, sunny and warm weather is causing a rise in the spirits of the English seed growers. Many flowers are now rapidly making for harvesting, while the larger crops, peas, beans, turnips, cabbages, onions, mangels and beets, are all improving under the changes in the weather. There should be good yields of wallflower seeds, Honesty, oriental and Iceland poppies, etc., while the rosy tinted aubrietias, such as Leichtlini, which gave but poor crops during the past two years, certainly show greater promise.

Those who, as a precaution against the weather and other causes which lead to failure, grow their blue primroses for seed in cold frames, are now harvesting the seed, though the harvest is, as is customary, a small one. On slightly raised and rather dry lands the blue primrose will succeed in the open. On heavy lands, especially if retentive of moisture, many of the plants die in the winter. There is a certain delicacy of constitution about it, and yet, in semi-wild places, where there is a good deal of coolness and shade and helped by a surfacing of decaying leaves which fall from trees and shrubs, the blue primrose will flourish as freely as the common yellow. But there is always danger of degeneration. A collection of plants for seeds must be kept up to date.

June and July bring a period of quiet in the wholesale seed trade, though orders will soon be brisk for cabbages, onions and especially the Tripoli section; cauliflower, lettuce, etc., which are sown in July and August. At this period of the year contract seeds of mangel, swede and common field turnips, etc., are prepared. Some of the older of the permanent hands make paper bags and such of the women as are retained make canvas bags. The young men are sent to the trial grounds and find a beneficial change; besides, if willing to learn, they can pick up many scraps of useful information and so fit themselves for higher services.

The premature bolting of cabbages is a subject which is just now occupying a good deal of the attention of seed growers and gardeners. It comes as a disappointment to both to have the plants bolting when they should be forming compact hearts. It is to be feared that some seed growers, fearing a scarcity, allow the bolters to seed, and in this way encourage the tendency. Much can be done in the way of selecting the proper sorts, sowing at the proper time and seeding from the long standing types. Seed growers sometimes institute trials and have the results made public, but it can be noticed that their own specialties are invariably to the fore. The Royal Horticultural Society, at the new garden at Wisley, should enter upon a comprehensive trial of cabbages, but it should extend at least over three years. It is to be hoped the society may be induced to carry out such a trial in the near future.

V. M. H.

LEONARD SEED CO. CHICAGO

ONION SETS. Our plantings for the new crop are about ready to harvest. We take orders now for delivery this fall or next spring. Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

MUSHROOM SPAWN. PURE CULTURE

Being the Eastern Distributing Agents for the American Manufacturers of Pure Culture Spawn, we can ship Fresh Spawn on short notice at the following prices: 15c per lb; $1 25 per 10 lbs.; $10.00 per 100 lbs. We have also the best make of English Virgin Mushroom Spawn, fresh importation, 8c. per lb.; 75c per 10 lbs.; $6.00 per 100 lbs.; $55.00 per 1000 lbs.

CLUCAS & BODDINGTON CO.

Telephone, 1063 Chelsea. 131 W. 23rd St., NEW YORK CITY.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

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CHINESE PRIMROSE Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the varieties separate, also.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large flowering, dwarf, mixed, 1000 seeds, 50c.

GIANT PANSY The best large flowering varieties, critically selected. 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

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"PURITY"

The finest in existence. A magnificent white of largest size, very fragrant, very strong, long stems, can be cut two feet long; flowers of great substance; very prolific in both flower and bulbs, producing bulbs of immense size when well grown. Price, $4.00 per 100; $30.00 per 1000. 500 at 1000 rate. Discount on 5000 lots. Ready now. Cash with order, please.

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We are now booking orders for

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Apply for prices, stating number wanted.

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COLD STORAGE VALLEY PIPS
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36 Cortlandt St. NEW YORK.

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NEW CROP SEED

Of my well-known

Christmas Sweet Peas

will be ready the first week in August next.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, N. J.

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Special quotations on receipt of quantities required.

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Lilium Harrisii, Calla Lily, Lilium Longiflorum, Paper White Narcissus, Roman and Dutch Bulbs for summer and fall. Will quote you prices that will save you money.

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Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

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THE Canadian seed growers had a very profitable meeting at Toronto last week. The work is along educational lines and the organization is fathered by officials of the agricultural schools.

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CINERARIA, CALCEOLARIA and CHINESE PRIMROSE

Absolutely unsurpassed in size and brilliancy of color. If you have been growing the American seed you will have a startling revelation when you behold these **Incomparable English Strains.**

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Half trade packet.....50c Trade packet..... $1.00

PRIMULA SINENSIS (Chinese Fringed Primrose)

English Prize Fringed Mixed .....Per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1 75
Obconica Grandiflora Mixed.....trade pkt.. 30c Stellata (Star Primula).....trade pkt., 50c
Forbesi (Baby Primrose).....trade pkt., 40c

See our PANSY OFFER in last week's Review.

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Odorous, large spotted Giant Pansies, (new giant-blossomed variety), glorious color display; flowers up to 3 inches in diameter; best kind for bouquets and wreaths. **1000 seeds, 25c; 10 gr., 75c; 100 gr., $6.00.**

Weigelt's Giant-Blossomed Elite Mixture

consisting of Trimardeau Giant, Cassier, Bugnot and Germania varieties, **1000 seeds, 20c; 10 gr., 50c; 100 gr., $3.50.**

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Catalogue sent free and postage prepaid on application.

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Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed	$1.00	$0.50
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00	1.00
	Oz.	
Myosotis Alp. Robusta Grandiflora, true	$1.00	.25
Giant Pansies, unsurpassed quality. Special Cemetery mixture	2 50	.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassiers' Giant mixture, improved	4 00	.50
Trimardeau Elite mixture	2.50	.50
Stocks, Cut and Come Again, White	2 50	.50
Stocks, new Snow White Excelsior, very extra, with enormous spikes, best greenhouse variety	5 00	.50
Mignonette Triumph, new	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J.

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Market and Fancy Strains, new crop seed of these well known unrivaled Pansies, ready now, in trade packages at $1.00 each, either strain.

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1000 Seeds, 25 cents.
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1000 Seeds, 25 cents.
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PANSY SEED

MICHELL'S GIANT PRIZE

Our **Giant Prize Pansies** are not to be compared with the ordinary Giant Trimardeau. The seed we offer will produce flowers of much heavier texture.

Michell's Giant Exhibition Mixed
A strain which we have secured from the leading Pansy Specialists in Germany and France, and cannot be excelled in size, texture and brilliant colors. Price per trade packet, 50c; per ⅛ oz., 75c; per oz., $5 00.

	Trade pkt.	Oz.
GIANT AZURE BLUE	40c	$2.00
GIANT BLACK BLUE	40c	2.00
GIANT HORTENSIA RED	40c	2.00
GIANT SNOW QUEEN	40c	2.00
GIANT WHITE, with Eye	40c	2.00
GIANT YELLOW, with Eye	40c	2.00

For complete list of Pansy and other seasonable seeds see our New Wholesale List. Send for a copy.

MICHELL'S OFFER

No. 10 STEEL WIRE GALVANIZED

	100	1000
2-feet long	$0.45	$ 4.08
2½ " "	.55	5 11
3 " "	.65	6.05
3½ " "	.78	7.18
4 " "	88	8.16
4½ " "	1.00	9.20
5 " "	1.12	10.23
5½ " "	1.20	11 27
6 " "	1.30	12.25
6½ " "	1.40	13.28

No. 8 STEEL WIRE GALVANIZED
For staking American Beauty and other strong and tall growing Roses.

	100	1000
2-feet long	$0 55	$ 5.25
2½ " "	.70	6 50
3 " "	.80	7.50
3½ " "	95	9.00
4 " "	1.10	10.00
4½ " "	1.25	11.50
5 " "	1 40	13 00
6 " "	1.60	15.50

CANE STAKES
Southern, 75c per 100; $6.00 per 1000.
Japanese, very thin, 6 feet long, 75c per 100; 500 for $3.00; $5 50 per 1000; $12 50 for 2500.

HENRY F. MICHELL CO.
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Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order.

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KANSAS CITY.

The Market.

The past week was a very quiet one, outdoor flowers superseding in a great measure those grown indoors and the poor quality of roses being one of the causes. Carnations, especially white, are in good condition and sell fairly well. Lawson is not in as good a form as formerly, caused by the excessive heat. Prosperity is very good. Beauties have almost disappeared. What are coming in are of very poor quality. Chatenay is fairly good, but Brides and Maids are very small and are used only in funeral work. Golden Gates are very seldom seen now. Sweet peas, coreopsis, in fact all outdoor stuff is here in over-abundance and prices are as low as can possibly be. Trade is gradually falling off and it will be only a matter of a couple of weeks when we can take our vacation.

Various Notes.

Some very fine mums have been planted by some of the growers and if the trade this fall can be gaged by the amount planted there will be an immense business.

W. J. Barnes is deep in work these days. He has a very large amount of room given over to chrysanthemums and all are doing well.

R. S. Brown & Sons are the only growers now sending in good roses. Although short-stemmed, the buds are large and of good color.

Ed. Bunyar, of Independence, is sending in some of the finest sweet peas on the market and is finding a ready market for plant stock.

D. Freudenthal did a large amount of funeral work last week, having all he could do to handle it, also some large orders for wedding decorations.

Nelson Jarrett has the finest Begonia Rex to be seen in Kansas City and has a large collection which he is bringing on for the flower show this fall.

John M. Fitch, of Erie, Kan., with the Barteldes Seed Co., of Lawrence, was a visitor here last week. Mr. Fitch intends to build a range of houses at his home town and intends to enter the wholesale market with a general line.

We understand a new firm has taken the range of houses formerly occupied by John Vesey. We are not acquainted with the members of the firm and as yet cannot fully state what their line will be.

C. A. Doty, of 1125 Main street, has opened one of the finest cut flower establishments in this city and will carry a full line of all that is needed to handle retail trade. Mr. Doty had a grand opening last Thursday, when he gave away over 4,000 carnations to his friends. We bespeak for him a large share of the business.

Mrs. Beiderman, out on Prospect street, is sending in some fine Shasta daisies and reports a very satisfactory business the past season. Narcissus.

NEW CASTLE, PA.

Many window glass factories from the Indiana natural gas district are returning to this vicinity because of the failure of the gas, which took them west several years ago. The American Window Glass Co. is preparing to reopen the Lawrence and Shenango plants with machine blowers. These were purchased by the trust and closed down. During the time they were operated they employed 1,500 men, and the claim has been made by agents for the American company that when they are fully equipped with the "iron man," as the machine blower is called, fully 2,000 men will be employed.

It is expected that the work of equipping the factories with the machine will be started during July and that when the September fire is started they will be ready to operate.

It is the general opinion among glass men in the Pittsburg district that practically all of the big factories now located in Indiana will be brought back to this end of Pennsylvania, as the gas supply has almost entirely failed in the western state.

NORWICH, CONN.

The rose show of the New London County Horticultural Society June 21 and 22 was a great success. The armory was handsomely decorated and was well filled with exhibits, nearly all of which consisted of garden roses grown by the many private gardeners and amateur florists of the neighborhood. The principal trade displays were of orchids and decorative plants, staged by Lager & Hurrell, Summit, N. J., and Julius Roehrs Co., Rutherford, N. J.

Mobile, Ala.—Capt. F. P. Davis has in his new carnation range, one of the finest greenhouses in the south; iron construction; solid beds. Business is dull but all stock is scarce and good carnations sell well.

Araucaria Excelsa
OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the **Araucaria Excelsa** from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these.

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.
Specimen, 7-in. pots, 30 to 35 in. high, $1.50 ea.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25, $1.50, $1.75 each.
Araucaria Excelsa Glauca, 75c to $1.00 each.
Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, very strong, at the rate of 12c.
Asparagus Plumosus Nanus, 2-inch pots, ready for 3-inch, $5.00 per 100.
Cocos Weddelliana, 3-in., 15c. By doz. or 100.
Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each.

Cash with order, please. All goods must travel on purchaser's risk.

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		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6 00 to	10 00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		2.50
" Select	1.50 to	2.00
" Ordinary	.50 to	.75
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Daisies, White or Yellow		.50
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Gardenias		12.50
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Peonies	4.00 to	6.00
Water Lilies		2.00
Iris	2.00 to	3.00
Centaurea	2.00 to	3.00
Pyrethrum.. per bunch 12c to 15c		
Harrisii Lilies, $1.00 to $1.50 per doz.		
Gladioli	3 00 to	5.00

PLEASE cancel my advertisement as I am sold out of stock.—U. G. HARGLERODE, Shippensburg, Pa.

WILL you please cut out my advertisement of cannas? You are too much for me; I can't keep up with the orders if I keep you going.—JAMES FROST, Greenville, O.

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Brides and Maids,	Special	3.00 to	6.00
" "	Extra	2.00 to	3.00
" "	No. 1	50 to	1.00
" "	No. 2	.25 to	.50
Golden Gate		1.00 to	4.00
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"	Novelties	1.50 to	2.00
Adiantum	Cuneatum	.50 to	.75
"	Croweanum		1.25
Asparagus	Plumosus, Strings	25.00 to	50.00
Asparagus	Sprengeri, bunches	4.00 to	10.00
Lilies		4.00 to	5.00
Lily of the Valley		1.00 to	2.00
Smilax		8.00 to	10.00
Callas		3.00 to	5.00
Daisies		.25 to	.50
Mignonette		.25 to	.50
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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.



We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes; Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
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Wholesale Cut Flower Prices.

Boston, July 5.

	Per 100
Beauties, Specials	$10.00 to $20.00
" Extra	6.00 to 8.00
" Short Stems	1.00 to 4.00
Brides, Specials	2.00 to 5.00
" Seconds	1.00 to 1.50
Bridesmaids, Specials	3.00 to 6.00
" Seconds	1.00 to 1.50
Carnots, Kaiserins	2.00 to 8 00
Liberty	1.00 to 8 00
Hybrid Roses in variety	1.00 to 5.00
Carnations, Special	2.00 to 3.00
" Select	1.00 to 1.50
" Ordinary	.50 to .75
Lily of the Valley	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Sweet Peas	.25 to .50
Gladioli	3.00 to 8.00

Buffalo, July 5.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	6 00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 7.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	4.00 to 5.00

SMITH'S Chrysanthemum Manual sent by the REVIEW on receipt of 25c.

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Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, July 5.

		Per doz.
Beauties, Long stems	$3.00 to	$4 00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Kaiserin	3.00 to	8.00
Carnot	3.00 to	8.00
Chatenay	3.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Peonies	3.00 to	6.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Candidum Lilies	2.00 to	4.00
Water Lilies		1.00
Pansies	.25 to	.50
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.40 to	.60
Daisies		.50
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1000 $1.00		.15
Adiantum Cuneatum		.75
Smilax per doz., $1.50		

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AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.50 to 2.00

All flowers are perfectly fresh and properly packed.

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Wholesale Cut Flower Prices.

St. Louis, July 5.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$4.00 to $5.00
" " No 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	3.00 to 5.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 5.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.15 to .20
Peonies	3.00 to 4.00
Daisies	.25 to .35
Cornflowers	.25

Milwaukee, July 5.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10 00 to 20.00
" Shorts	4.00 to 8 00
Bride and Bridesmaid, Best	6.00
" " Seconds	2.00 to 4.00
Golden Gate	2.00 to 6.00
Liberty	2.00 to 6.00
Perle	2.00 to 6.00
Chatenay	2.00 to 6.00
Carnations, Good	1.00
" Fancies	2.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2 00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longifiorums	12.50
Lily of the Valley	3.00
Sweet Peas	.50
Daisies	.50
Smilax	25.00
Ferns	.25

Pittsburg, July 5.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 18.00
" No. 1	6.00 to 10.00
" Shorts	2.00 to 3.00
Brides and Maids	1.00 to 3.00
Cusin	1.00 to 6.00
Liberty	3.00 to 15.00
Chatenay	4.00 to 6.00
Perle	2.00 to 4.00
Carnations	1 00 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	2.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12 00 to 15.00
Sweet Peas	.10 to .50
Daisies, Yellow	1.00

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Wholesale Cut Flower Prices.

Cincinnati, July 5.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Sweet Peas	.15 to .50
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, July 5.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	5.00
Sweet Peas	.40 to .50

I WOULD not want to do without the REVIEW. The writers are all up-to-date and each issue very instructive. —S. M. Wyatt, Watseka, Ill.



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Dagger Ferns, lots of 5000 and over, 60c per 1000. For 10,000 and over, 50c per 1000.

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CINCINNATI.

The Market.

Business continues much the same as last week. It is easily as good as last year, if not a little better. The weather conditions this spring have held the quality of stock much better than is usual and of course that is a great help. Several good-sized wedding decorations used up considerable stock.

Roses and carnations are about in the same condition as they were last week. Beauty is in larger supply and sells well, but the price is not high. Gate, Ivory and Kaiserin are in fairly good form. The carnations shipped from Michigan are the best now. Sweet peas are in better supply. Other outdoor flowers in season are in good supply. Some very good gladioli are in. Water lilies and poppies sell well. "Green goods" are plentiful, also very nice eastern ferns.

Club Outing.

On June 29 the long looked forward to picnic for the florists was given by George & Allan and D. Rusconi. To say that it was a success would be putting it mildly. It was an occasion long to be remembered by all who were lucky enough to be present, and they numbered close to 300. The fun started at two o'clock, when the ball game was called. They lined up nine growers and nine storemen. It was a battle royal and, after pulling themselves out of many close places, the growers won to the tune of 11 to 5. The feature of the game was the pitching on both sides and the fielding of R. A. Murphy and J. R. Rodgers. At the same time there were bowling matches in progress, also quoit pitching contests for both the men and ladies.

At three o'clock the meeting of the Florists' Society was called to order by President Ben George and the annual election resulted in the choice of Ben George, R. Witterstaetter, D. Rusconi, Wm. Murphy and C. J. Ohmer as members of the board. There was a very lively contest between Wm. Murphy and H. Konzelman, they being tie for place on the board. It required three ballots to decide the winner. It was decided not to hold an outing this year.

At six o'clock supper was served. Mr. Rusconi did himself proud and his Italian dishes were highly praised by every one. His imported wine especially found great favor. Neat speeches were made by Ben George and Mr. Rusconi. After the repast a brass band made its appearance and dancing was in order. A rousing vote of thanks was given to George & Allan and Mr. Rusconi for their hospitality.

H. M. Altick, of Dayton, O., came down to attend the picnic and had many good things to say about the hospitality of the Cincinnati florists.

Various Notes.

The rapidly approaching convention of the S. A. F. is the main topic for discussion at present. While I do not believe that there will be a very large delegation from this city, yet the regulars will be on hand. At present it looks as if all the florists north, west and south of us will meet here and proceed on a special train. E. G. Gillett is now corresponding with the boys at Chicago. The St. Louis boys have already decided to come our way.

Julius Baer, of this city, and J. Lodder & Son, of Hamilton, had the Neal-Bauer wedding in the latter city, which was one of the largest decorations Hamilton has seen for a long time.

Tom Hardesty has been on the sick list but is again at the store.

H. M. Altick, of Dayton, is receiving congratulations. It's a boy, and he is as tickled as if it were No. 1 instead of No. 6.

Mr. and Mrs. R. D. Ruttle, of Covington, Ky., are going to Buffalo to attend the Elks' convention.

Mr. and Mrs. L. F. Benson are going to Riverton, N. J., for an outing and will be at Washington for the convention.

Miss Cronin, of Covington, Ky., has moved across the street and is fixing up a new store at 15 Fifth street.

S. S. Skidelsky was a caller.

C. J. Ohmer.

Cedar Falls, Ia.—Joseph Bancroft & Son are building a new and larger office adjoining their greenhouses and fronting on Twelfth street. The old structure had served for twenty-five years but was long since outgrown.

The most attractive line of ribbons made.
Pretty colors, durable and inexpensive.

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Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

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Carlson's White and Semple's Pink, 50c per 100; $2.50 per 1000.
Chinese Peppers, $2.00; Ruby King, $1.50 per 1000.
Succession Cabbage, $1.50 per 1000.
Celery, Giant Pascal, $2.00 per 1000.
Pansy plants, in bud and bloom, $4.00 per 1000.
Myosotis, 30c per 100; clumps, $1.00 per doz.

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Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

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1224 F Street, Northwest,
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RETAIL ORDERS
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L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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4326-28 Olive Street, **St. Louis, Mo.**
Established 1873.
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Your orders for
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All Orders Given Prompt and Careful Attention.

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No. 119 16th Street. **OMAHA, NEB.**

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
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NEW YORK CITY
Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Telephone Calls: 340 and 341 38th Street
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David Clarke's Sons
2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Orders Executed Artistically.
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Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144L. 104 So. Carolina Ave.

C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS Near the Waldorf-Astoria
7 E. 33rd St., New York City.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

PACIFIC COAST.

PORTLAND, ORE.—Clarence Wedge, the nurseryman of Albert Lea, Minn., is here with his bride, doing the exposition.

SEATTLE, WASH.

Various Jottings.

The demand for flowers has been very heavy for the past two weeks. High school commencements cleaned up all good stock and, would you believe it, one of the sweet girl graduates carried green carnations! The graduation of hospital nurses was another big event, and funeral orders have been very large.

The outdoor roses are waning a little but as all roses are hardy here, including the teas, there is a good show of flowers all the season. It seems to be a fad and many compete to own the most varieties of roses, a very nice thing for the florists and nurserymen.

Dahlias are now blooming profusely, not the small divided tubers, with two or three stalks you see in the east, but great big clumps, four to six feet across, that have been left outdoors for three or four years. They are entirely hardy here and do not need to be lifted and stored over winter, except on low ground, where they are liable to rot.

The organization of a syndicate to grow cut flowers is the latest thing. What is known as the Prentice property, a very rich ten-acre tract at South Park, will probably be secured on which to erect a very large range of glass. The plans are yet not fully matured but the project will doubtless go through.

Carnations in the field are growing nicely, several nice warm rains having helped them.

The weather is keeping up its summer record; daytime 75 degrees and nights about 60 degrees. No sweating, filling benches here.

Mike Lewis has taken a position at the Washington Floral Co.

J. J. Bonnell has bought the glass for two houses 20x100 and will erect them during the summer.

The Pacific Floral Co. has received notice to vacate its store as a new building is to be erected. They have already leased a room in the new building.

J. G. Hopkins, the florist in the Hinckley block, has been appointed fruit inspector at a fat salary. A. B.

SAN FRANCISCO.

The Market.

The weather has turned cold again and it is having a good effect on flowers in general. Carnations and roses that generally at this season of the year have poor color and weak stems, are now in as fine form and substance as though it were four months later. Not that there is any demand to speak of, but it enables the retailers to keep up a good appearance with little effort. Sweet peas are getting short of stem in most places and it is between seasons with them. The later pickings are not being brought in yet. Gladioli are in evidence everywhere and are good sellers, considering that they are a cheap flower. They are indispensable for window displays. Coreopsis, gaillardias and cornflowers are handled in large quantities by the hucksters and variegated dahlias are being offered by the growers in large lots. The small white double variety is really the only kind of much value to the florist and they are used at present in large quantities in funeral designs. Valley is in short supply and also short demand and the same can be said of longiflorum lilies.

Various Notes.

J. T. Shepherd, of Oakland, has retired from the florists' business. He has disposed of his stock and fixtures and will embark in a mining enterprise.

F. de Surville has taken charge of the I. W. Hellman's place on Lake Tahoe.

The chrysanthemum growers are having extra favorable weather at present for their outdoor stock, and, from indications, we will have a big supply of this popular flower.

The gardens at Sutro Heights are now at their best and reflect great credit on P. J. Murphy and his assistants.

E. W. McLellan has returned from his trip through the northern part of the state, where he had a very pleasant outing for a few days.

Mrs. Maria Becanne, wife of John Becanne, the pioneer Alameda florist, died on June 25 and was buried in St. Mary's cemetery, Oakland, on June 28. Mrs. Becanne was 53 years of age and had resided in Alameda over thirty years. G.

A NEW PHARASITE.

There arrived from Japan this week, on the steamer Manchuria, a box of insects consigned to the Department of Agriculture in Massachusetts. For some time past that portion of the country has been troubled with caterpillars that have been doing much damage to vegetation and the department at Washington sent out inquiries throughout the world for a parasite that would exterminate this particular moth and caterpillar. United States Minister Griscom, of Tokio, has sent such an insect and it is said to be sure death to the so-called gypsy moth. They are like ants in appearance, but have four wings, with the aid of which they hop around like fleas. They sting the caterpillars to death and, according to Minister Griscom, their larvae, which are eagerly consumed by caterpillars, hatch out inside of the caterpillars and destroy their consumers, so that they work from both ends, as it were.

But Alexander Craw, our horticultural commissioner, claims that the parasites just imported from Japan are about as dangerous to vegetation, if left to themselves, as is the gypsy moth, and the greatest precautions have been taken to get them into this country and get them started toward Massachusetts without any of the insects escaping, for if they should escape and multiply here without having their natural enemy to feed on they would probably soon become a menace and have to be looked after, as they increase with amazing rapidity. It is claimed that they will not stand the eastern climate when the weather becomes cold and that by that time they will have finished their labors of ridding the country of the gypsy moth. G.

THE JAPANESE QUESTION.

Noting the article in regard to the Japanese competition on the coast, I thought I would like to make a few re-

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45.00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.

Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2 00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3 00
Pansy, California Giants, mixed, ⅛ ounce, 2.00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.

You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

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CHRYSANTHEMUMS

Fine, Strong Plants, $2.00 per 100.

Chadwick, Golden Chadwick, Robinson, Bonnaffon, Morel, Intensity, Maud Dean, Shrimpton, Monrovia.

HOYT BROS. 807 Riverside Ave. SPOKANE, WASH.

Mention The Review when you write.

HANNAH HOBART The Pride of California



The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Olealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem and all standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value.

The constant inquiry by everyone who has seen the plants in flower is: "When will the Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan., 1906. Send your orders in early because they will be filled strictly in rotation.

The accompanying illustration is an average bloom of Carnation Hannah Hobart.

Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.

JOHN H. SIEVERS & CO.
1251 Chestnut St., SAN FRANCISCO, CAL.

Mention The Review when you write.

marks on the changes that have taken place within the last ten years.

Ten years ago I landed in California to seek my fortune as a florist, but found much difficulty in that line, as each place to which I went seemed to have mostly Chinese help; in fact, one place had a Chinaman as chrysanthemum grower at $75 per month. Then there was no agitation, but since it affects the employers the cry goes up as to how to restrict Japanese immigration. Now, as far as I am able to see into the question, the whole trouble is and has been with the employers themselves in not employing the best help and by so doing growing better stock. Even to the present time San Francisco has the reputation of handling poorer stock than any other large city in the United States.

Although a large amount of glass has gone up in California within the last three years, good stock brings one-third better price now than it did ten years ago. C. L. A.

Vegetable Forcing.

PREPARATORY WORK.

The work at the present time will be mostly in the nature of preparation. Where rhubarb and asparagus are grown for winter forcing every attention should be given to the plants, to have them as strong as possible. Little pulling should be done from rhubarb plants that are intended for forcing at any time, but from this on it is very important that none of the stalks be pulled, as it will certainly weaken the plants. When the plants are growing vigorously in the spring, pulling will not do so much harm, but even then it is all the better to leave all the growth on the plants, as it increases the strength of the plants and makes them much more profitable for forcing.

Unless during excessively dry spells it is seldom necessary to water the plants, but of course they must not be allowed to suffer for lack of moisture. Frequent stirring of the soil with the hoe is of great benefit in conserving the moisture during dry weather and both the rhubarb and the asparagus patch should have a good deal of attention in this respect.

Rhubarb is not subject to the attacks of injurious insects or fungous diseases, but asparagus, on the other hand, is usually attacked by both. The beetle has pretty well run its course now but unless it has been kept in check will have caused considerable damage to the plants. For this pest we have found nothing better than a good dusting of air-slaked lime. The best time to apply it is in the morning, when the dew is on; it will then stick fast to the stems and foliage. This prevents the insects from feeding and from depositing their eggs and we have never seen the plants injured by it. Asparagus rust is another serious enemy to the asparagus plant and spraying should be done to arrest its spreading as soon as it makes its appearance in the bed. Any of the standard fungicides will check the rust but the great trouble is to get any of the mixtures to adhere to the foliage. Ammoniacal carbonate of copper is good but is rather expensive where a large quantity has to be used. A cheaper and also effective fungicide is Bordeaux mixture, where it can be made to adhere, but the spraying must be done very lightly and with a very fine spray or enough will not adhere to do much good. W. S. CROYDON.

BUTTE, MONT.

Business is and has been rushing. There has been a heavy call for funeral work and the Butte Floral Co. reports several large wedding decorations, which kept them on the jump through June. Outdoor flowers are not yet available on account of the cold weather we have had this spring. On June 23 it snowed all day and all outdoor stock is very backward.

J. H. King, of the Butte Floral Co., is making an eastern trip, visiting growers and supply houses to keep in touch with the new ideas. A. C. Wilhelm, of this concern, expects to attend the S. A. F. convention at Washington next month.

BARABOO, WIS.—Wm. Peck has just completed his third greenhouse. It is 11x47.

AURORA, ILL.—The Aurora Greenhouse Co. is building two new houses, one 26x120 and one 10x120.

CLARINDA, IA.—J. A. Marley says that the sales of spring stock were this season the best he has ever had.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

WM. J. QUICK will retire from the firm of Hewett & Quick, Burtonville, N. Y., and the nursery will be continued by Mrs. C. A. Hewett.

THE Buchanan Nursery Co., St. Charles, Man., is endeavoring to add to the interest in growing small fruits by offering a prize for the best collection at the Winnipeg Industrial Exposition.

EVERY season there is increased call for American elms in sizes above three inches caliper. The elm makes a rapid and long continued growth in fairly moist soil and the planting should not be too close.

There will be a large showing of fruits at the twenty-ninth biennial meeting of the American Pomological Society at Kansas City, August 8 to 10. Silver and bronze medals will be awarded to worthy exhibits.

MARIE LEMOINE.

There is confusion as to Peony Marie Lemoine, at least two varieties being offered under that name. One variety is an early blush white, not large and of ordinary growth. The other is the latest white, ivory white in color, the flower large and solid. It is of sturdy, upright growth and does not require supports at any stage. The foliage is dark, glossy green and the lowest leaves are within two inches of the ground, so that it may be cut with long stems without injury to the plant. It is stated by those who have visited the principal growers that some of the largest stocks correspond to the first description.

ALL IT IS WORTH.

The following is clipped from our British contemporary, the Horticultural Advertiser:

Mme. N. Levavasseur seems to be boomed for all it is worth (if not even a little more) in the States, all the principal growers advertising large stocks of it. It is claimed it may be had in bloom all the year around and continuously throughout the season, unlike the Crimson Rambler, which makes one great show and is then over for the year. Our busy cousins cannot find time for such a mouthful of a name as that given by the raiser, and have rechristened it as the Baby Rambler.

NAME OF INSECT.

Can you tell me what the enclosed insect is, how to get rid of it and all about it? H. & C.

The shrub sent we found to be very badly affected with woolly aphis, known in Europe as American blight. It is particularly bad on apple trees, but attacks a number of other trees. Spraying with poisonous substances is of no avail against these sucking insects. They require to be hit with a soap or oil mixture. Kerosene emulsion is probably the best insecticide to use against this pest. Make it as follows: One-half pound of any hard soap like Ivory or Welcome, one gallon hot water, two gallons kerosene. Pour the kerosene into the hot soap mixture and stir vigorously for a few minutes. Keep in a stone receptacle. In spraying use one ounce to each gallon of water. Melt thoroughly in hot water before adding to the cold water. This strength, if well directed, should clear out the aphis. If any linger, give a second application. Whale oil soap is another excellent remedy. Use two pounds to fifty gallons of water. Apply with a force pump or barrel sprayer with an agitator. Do not attempt to use the soapy solutions with poisons of any sort. They are not effective, as they do not mix readily.

W. N. C.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
Spruce, Norway, White and Colorado Pines in assortment, etc.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

IMPORTANT!

Baby Ramblers and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

YOU CAN PLANT AT ANY TIME

Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.

PEONIES A large collection of the very finest varieties, including in the officinalis class the gem of all, Tenuifolia, or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.
Write for prices. F. A. BALLER, Bloomington, Ill.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias. Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, CHICAGO.
Mention The Review when you write.

ROSES-Roses

Special -- UNCLE JOHN, CHATENAY, 2½-inch pots, reduced to ..... $3.00 per 100; $25.00 per 1000

	Per 100	1000
ENGLISH, 2½-inch	$25 00	$200.00
AMERICAN BEAUTY, 2½-inch	5.00	40 00
KAISERIN, 3-inch	5.00	45.00
UNCLE JOHN, 3-inch	4.00	35.00
AMERICAN BEAUTY, bench plants, cut down and well packed	$5.00	$40 00
CHATENAY, 3-inch	4 00	35 00
BRIDESMAID, 3-inch	5.00	40.00

PERLE, 3-inch.....$5.00 per 100; $40.00 per 1000

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

BENCH PLANTS

One year old, cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3 50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00
Fine stock from 3-in. pots.		
AMERICAN BEAUTIES,	4.00	35.00
MAIDS	3.50	30.00
BRIDES	3 50	30.00
IVORY	3.00	25.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

25,000 Smilax

Strong, young plants from 2¼-inch pots, ready for planting, $1.25 per 100; $12.00 per 1000. Cash.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

200,000 PANSIES — Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3 00 per 1000. Pansies, in bud and bloom, $1.00 per 100; $8.00 per 1000. Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12 00 per 1000; R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100. Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8 00 per 1000. Daisies, double white, 75c per 100; $6 00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Mention The Review when you write.

BEGONIA GLOIRE de LORRAINE

2-in. stock, ready for a shift, $12.00 per 100.

BEGONIA TURNFORD HALL

2-in. stock, $15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

Mention The Review when you write.

ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices, as we are in need of the space they occupy.

As a leader we offer **UNCLE JOHN,** the improved Golden Gate, in 3½-inch pots, at $25.00 per 1000; 2-inch, $15.00 per 1000. This rose, both in color and shape, is far superior to the old Golden Gate.

	Per 100	Per 1000
Uncle John, 3½-inch	$3 00	$25.00
" " 2-inch	2.00	15.00
Bridesmaid, 2-inch	$2.50	$20.00
Am. Beauty, bench plants	3.50	25.00

Carnations

100,000 FIELD-GROWN. Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

LAWSON, pink, BOSTON MARKET, NELSON FISHER, CRUSADER, FLAMINGO, HARRY FENN, ROOSEVELT, MRS. NELSON, GUARDIAN ANGEL, TRIUMPH, MRS. INE, FLORA HILL

We have had several out-of-town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July, at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in **A-1 condition.**

J. A. BUDLONG 37-39 Randolph Street **Chicago**

Mention The Review when you write.

Choice Roses

Bride, 3½-inch pots	$4.00
Perle, 3½-inch pots	4.00
Ivory, 3½-inch pots	4.00
Bridesmaid, 3½-inch pots	4.00

All on their own roots. Best value ever offered. Order quick. Address

JNO. A. KEPNER, P. O. Box 3, **HARRISBURG, PA.**

Mention The Review when you write.

CYCLAMEN, ROSES

	Per 100
2-in. Cyclamen, in 5 separate colors	$4.00
1000 2½-inch Ivory Roses	3.00

D. U. Augspurger & Sons, P. O. Box 778 **Peoria, Ill.**

Mention The Review when you write.

SPRENGERI

2-in., $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

PEERLESS SULPHUR BLOWER

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago.

McMORRAN & CO. 15-21 N. CLINTON ST., **CHICAGO, ILL.**

You want ROSES?

All kinds of Teas, especially Kaiserins, Woottons, Perles, MacArthur.

FERNS, PLUMOSUS and SPRENGERI

WRITE

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

SCARLET SAGE,

From 2-inch pots	$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2.00 "
Vinca Variegata, 2-inch pots	2 00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums, Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

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Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30.00 per 1000. Strong plants ready for immediate planting.

KAISERINS strong, 3-in., $6.00 per 100; $50.00 per 1000.

CHAS. E. MEEHAN, Slocum and Musgrove Sts., **Germantown, Phila., Pa.**

Mention The Review when you write.

FOR FALL 1905

Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York

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MILWAUKEE.

Last week was a most satisfactory one to the trade. Commencement exercises, June weddings and several large funerals kept the receipts cleaned up, and prices equaled midwinter on choice stock. The C. C. Pollworth Co. is cutting some fine roses in nearly all varieties and the stock looks promising for a good supply during the summer months. Carnations are shortening up in supply, but quality is good considering the changeable weather we have been having. Peonies are holding out remarkably this season and some of the finest blooms came in during the last week of June. There was a good supply of valley and sweet peas during June, but the prices realized were not up to former seasons.

The wet weather is having a bad effect on carnation plants in the field in some localities where they are planted on low ground and reports of stem-rot are numerous.

The convention of Modern Woodmen last week did not benefit the trade in general, but some of the street men disposed of quite a quantity of the cheaper grade of stock. Quite a number of the craft are Woodmen and many visitors were attracted here by the low railroad rate. James Chacona's stock of flowers was badly damaged through a recent fire in the basement of his establishment. The smoke put all the carnations to sleep, even in the ice-box, although little damage was done to the store. INCOG.

NEOSHO, MO.—J. G. Angel says bedding plants sold well this spring and trade is fine now.

HOOPESTON, ILL.—A. Peterson has bought a new sixty horse-power boiler and will add it to his heating plant for greenhouses and residence.

HAMILTON, O.—In a recent runaway the horse of Wm. Lodder severely kicked a young woman who was already a cripple as the result of a railroad accident.

ROCKFORD, ILL.—H. W. Buckbee has let the contract for structural material for the big new range to the John C. Moninger Co., Chicago, and the work is well under way.

We Do Not Advertise

(except)

to make known to you that the QUALITY of our

Palm Stock

does the business



C. C. Pollworth Co.

MILWAUKEE, WIS.

SURPLUS ROSE PLANTS

500 PERLE DES JARDINS, 3-inch	$ 7.00	Per 100
300 GENERAL MacARTHUR, 3-inch	8.00	" "
300 MILDRED GRANT, 3-inch	10.00	" "
100 PAPA GONTIER, 4-inch	8.00	" "

OWN ROOT

GRAFTED

400 MME. HOSTE, 3-inch	$8.00	Per 100
300 MME. CUSIN, 3-inch	8.00	" "

J. BREITMEYER'S SONS, Detroit, Mich.

Killarney

The best paying, forcing rose ever grown. 2000 2½-inch grafted stock, $20.00 per 100; $175.00 per 1000. 500 at 1000 rate. This is the last offer this season.

Siebrecht & Son, Rose Hill Nurseries, New Rochelle, N. Y.

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Surplus ROSE PLANTS

BRIDES, BRIDESMAIDS AND METEORS

2¼-inch, $22.50 per 1000. 3-inch, $30.00 per 1000.

Cuttings were all made from carefully selected wood. Well worth the price.

Call and see them.

L. B. CODDINGTON, - Murray Hill, N. J.

Mention The Review when you write.

SURPLUS STOCK

—OF—

Rose Plants

Grafted Brides and Maids, 4-inch pots; own roots—Brides and Maids, 4-inch pots; Perle, Chatenay, Gen. MacArthur, Cusin, all in 4-inch pots. Let us give you prices on your orders.

PITTSBURGH ROSE & CARNATION CO.

Crystal Farm, Gibsonia P. O., Pa.

Mention The Review when you write.

Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

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Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.

Brides, 2½ and 3½-inch pots.

Bridesmaids, 2½ and 3½-inch pots.

Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

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GOOD ROSES

Clean, Strong Plants, not culls or rejects.

	2¼-in.	3-in.	4-in.
Brides, Meteors, Golden Gates	$2.50	$4.50	
Maids		4.50	
American Beauties, choice		6.00	$10.00
Hermosa, C. Soupert, fine	2.50	5.00	8.00

FERNS! ASPARAGUS!

Choice Boston Ferns, 6-in., 50c; 7-in., 75c; 8-in., $1.00 each.

Asparagus Plumosus, in fine shape to retail at 100 per cent profit, 4-in., $15; 5-in., $25. Sprengeri, 3-in., $5.00; 4-in., $8.00.

W. H. GULLETT & SONS, LINCOLN, ILL.

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Always mention the Florists' Review when writing advertisers.

Begonia Gloire de Lorraine

2-inch pots, strong plants, ready for 4-inch pots, $15.00 per 100.

3-inch pots, strong plants, cut back twice, ready for 5-inch pots, $25.00 per 100.

Begonia Turnford Hall

very strong, 4-inch pots, $50.00 per 100.

My Begonias are all propagated from leaf cuttings; they grow bushy, and make fine, strong plants. **NOW READY FOR DELIVERY.**

PANDANUS VEITCHII

fine specimens, nicely variegated, 34 to 36 inches high from top of soil, $30.00 per doz.

6-inch pots, $1.00 each; $12.00 per doz.

5-inch pots, .85 each; 10.00 per doz.

BOSTON AND PIERSONI Ferns

8-inch pots, nice and full, $18.00 per doz.

10-inch pots, nice and full, 30.00 per doz.

These plants I know will give the most critical storeman satisfaction.

J. A. Peterson, McHenry Ave., Westwood, Cin., Ohio.

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ROSES

Bargain Prices while They Last.

This stock is very fine and in nice condition for planting. We need the room badly, therefore wish to dispose of same quickly. Will exchange part for 2-inch Smilax.

17,000 Brides, 2¼-inch pots, per 1000, $20.00.
32,000 Maids, 2¼-inch pots, per 1000, $20.00.
5,000 Meteors, 2¼-inch pots, per 1000, $20.00.
2,000 American Beauties, 3-inch pots, very fine, per 1000, $70.00.
2,000 Brides, 3-inch pots, per 1000, $30.00.
250 at 1000 rate.

CHRYSANTHEMUMS

2¼-inch pots. Stock very fine.

Glory of Pacific	Polly Rose
Ivory	J. K. Shaw
H. Parr	Halliday
Maud Dean	Mrs. J. Jones

$3.00 per 100.

Josephine	Chadwick
Nagoya	

$4.00 per 100.

Chautauqua Gold, $6.00 per 100.

Dr. Enguehard	Wm. Duckham

$8.00 per 100.

Lake View Rose Gardens,
JAMESTOWN, N. Y.

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Brides and Maids

3-inch pots, $3.50 per 100.

AMERICAN BEAUTY

Plants, 3-inch pots, $4.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

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J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

MAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

LIBERTY, SUNRISE, TESTOUT, LA FRANCE, HELEN GOULD, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, GATES, KAISERINS, 3-inch pots, $7.00 per 100.

CHRYSANTHEMUMS

Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson and other standard varieties. Price, $2.50 per 100; $20.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

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ROSES! STEVIAS!

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Am. Beauties.	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John...	4.00	35.00	5.00	45.00

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Golden Gates..	$2.50	$20.00	$4.50	$40.00
Bridesmaids..	3.50	30.00	5.00	45.00
Brides.....			5.00	
Sunrise.....			5.00	

STEVIA.

Rooted Cuttings, per 100	$1.50
Rooted Cuttings, per 1000	12.50
2½-inch, per 100	$2.50
2½-inch, per 1000	22.50

Headquarters for FINEST CUT ROSES, CARNATIONS, ETC.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO., - MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO.

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The Beautiful Pink Carnation

Candace

Dissemination 1906.
Early. Commercial.

$ 2.00 per doz.
12.00 per 100
100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO.
and JOHN HARTJE, Indianapolis, Ind.

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FIRST-CLASS ROSES FOR SALE

3½-inch pots, $6.00 per 100.

BRIDE,	HOSTE,
BRIDESMAID,	SUNSET,
PERLE,	SUNRISE,
METEOR,	GOLDEN GATE,
CHATENAY,	IVORY.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

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PIPING.

I have a greenhouse 16x30 feet, nine feet to the ridge. There is no glass in the sides and in only one gable, the other being against the dwelling. What would be the best plan to heat it with hot water to 55 degrees where it is sometimes 15 degrees below zero? What size of flow and how many and what size of returns will be most economical? U. D.

A method of piping which you can follow which will be economical to install and as satisfactory as any is as follows: Carry a 2-inch flow from the boiler under the ridge of the house to the most distant end. At that point divide the pipe to return by three manifolds, or coils, one under each of the side benches and one under the center bench. Place five 1¼-inch pipes in each of the three coils, making fifteen 1¼-inch pipes returning the length of the house. By the proper use of gate valves in these returns the number in commission can be arranged to suit the outside temperature. An elevated expansion tank will be essential to the success of this system. The bottom of the expansion tank should be four feet or more above the highest point in the flow pipe. The pipe connecting the expansion tank with the system should join the main return close to the boiler. An air vent will also be necessary upon the main flow pipe at the most distant point from the boiler, which should also be the highest point in the system.

L. C. C.

MENTION US TO ADVERTISERS.

One cannot be anything but pleased with the Review; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. Loding.

I do all my buying from the advertisements in the Review.—J. G. Angel, Neosho, Mo.

The Review is certainly the paper of all papers for florists.—Chas. Pfeiffer, Sedalia, Mo.

I do not think any one can carry on the florist business to the best success without the Review.—Max Schreiber, McDonald, Pa.

PALMS, FERNS and all Decorative Stock.

R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

CHAS. H. TOTTY,

Wholesale Florist

MADISON, N. J.

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Geraniums

Now ready. Good stocky plants from 2-in. pots.

Alph. Ricard	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Beaute Poitevine	2.00 "	La Favorite	2.00 "	Mme. Landry	2.00 "
Bertha de Presilly	4.00 "	La Pilote	2.00 "	Mar. de Castellane	3.00 "
Bruanti	2.00 "	Le Cid	2.00 "	Mar. de Montmort	2.00 "
Centaure	2.00 "	M. Jolly de Bammeville	4.00 "	Miss F. Perkins	2.00 "
E. H. Trego	5.00 "	Mme. Charlotte	2.00 "	S. A. Nutt	2.00 "
Gloire de France	2.00 "			Thos. Meehan	3.00 "

We will send 1000 (50 each) of the above varieties for $20.00.

Hardy Chrysanthemums

Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties, $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.

A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. Write us and we will tell you about trains, etc.

R. VINCENT, JR. & SON, WHITE MARSH, MARYLAND

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MUMS..

FOR JULY PLANTING.

MAJ. BONNAFFON.....fine yellow
MRS. BAER.....yellow J. Jones
OMEGA.....early yellow
L. CANNING.....white for pots
WILLOWBROOK.....early white
WM. DUCKHAM.....large pink
MRS. CHAMBERLAIN...fine pink
BEN WELLS.....large white
ARLINE.....round pure white
A. BYRON.....pure white
PERCY PLUMRIDGE.large yellow
W. H. LINCOLN....yellow for pots
COL. APPLETON.....large yellow
MRS. PROBIN.....fine pink

Fine plants from 2½-inch pots, $2.50 per 100; $20.00 per 1000. Let us select you a 1000 from these and other varieties.

BAUR & SMITH,

38th St. and Senate Ave., Indianapolis, Ind.

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REDUCED PRICES

.....FOR.....

EASIGOLD

You will want a lot of this sterling new early Mum for next season. Here is your chance.

We offer, until stock is sold, strong plants from soil at only **$1.00** per doz.; **$6.00** per 100.

EXTRA BONNAFFONS, from soil, **$2.00** per 100. Address—

FLETCHER OF AUBURNDALE

AUBURNDALE, MASS.

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CHRYSANTHEMUMS.

ROOTED CUTTINGS.

Black Hawk, Cullingfordi, Eaton, Mrs. J. Jones, White Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Liger, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.

OLSON & LUNDEN, Plantsville, Conn.

...YOU WILL FIND...

ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Surplus Bedding Stock

Ageratum, 3-in. $2 50 per 100.
Lantana, 3-in., $4.00 per 100.
Heliotrope, 3-in., $4 00; 4 in., $6.00 per 100.
Impatiens Sultani, 3-in., $4.00; 4-in., $6.00 per 100.
Lobelia, 2¼-in., $1.75 per 100.
Coleus, 2¼-in., $1.75; 3-in., $3.00 per 100.
Vinca Variegata, 2½-in., $2.50 per 100.
German Ivy, 2½-in., $2.00 per 100.
Alternanthera, 2 and 2½-in., $2.00 per 100.
Alternanthera Brilliantissima, $3 00 per 100.
Mme. Salleroi, 2½-in., $2.50; 3-in., $4.00 per 100.

CHRYSANTHEMUMS

Lord Hopetoun, Ben Wells, Et. Bonnefond, Viviand-Morel, Wm. Duckham, Silver Queen, Kimberly, Percy Plumridge, Thirkell, White Bonnaffon, Mrs. Chamberlain, C. H. Diedereich, Dr. Enguehard, S. T. Wright, **Rooted Cuttings, $2.50; 2½-inch, $3.50 per 100.**

Maj. Bonnaffon, Yellow Jones, F. S. Vallis, Mrs. Coombes, Mrs. T. W. Pockett, Marie Liger, Dalskov, Ivory, Boccasse, Col. Rowell, C. J. Salter, Mounier, White Maud Dean, **Rooted Cuttings, $1.50; 2½-inch, $2.50 per 100 CASH or C. O. D.**

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Chrysanthemums

10 named Hardy Pompons. Also the following Chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific, Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, at $2 50 per 100.

MISCELLANEOUS PLANTS.

Geraniums, single and double, standard varieties named, $2.50 per 100.
Boston Ferns, 2-in., $3.00 per 100.
" " 8-in. pans, $10 00 per doz.
Piersoni, 6-in. pans, $5.00 per doz.
Flowering Begonias, named, $2 50 per 100.
Asparagus Sprengeri, 2-in., $2.50 per 100.
Asparagus Plumosus, 2-in., $2.50 per 100.
" " 3-in., $4.00 per 100.
English Ivy, 2-in., $2.00 per 100.
American Beauty, 2-in., $5.00 per 100.
Bride and Maid Roses, $2.50 per 100.

THE NATIONAL PLANT CO., Dayton, O.

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MUMS.

ROOTED CUTTINGS OF

Mme. Bergmann	October Sunshine
Opah	Willowbrook
Pink Ivory	Major Bonnaffon

These at $10.00 per 1000.

FROM 2-INCH POTS

2 000 Major Bonnaffon	8 000 October Sunshine
3 000 Opah	2,000 Mme. Bergmann
3,000 Willowbrook	2,000 Pink Ivory

These at $2.00 per 100; $15.00 per 1000.

ELI CROSS, GRAND RAPIDS, MICH.

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HOW TO SAVE
TIME AND LABOR.
The Wittbold Watering System

will do this for you. A house can be watered in a few minutes. Adapted to pot plants or benched stock. Write us for full particulars.

PRICE LIST OF PALMS AND FERNS

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.00	25.00
" "	10	46-50	7-8	$7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-18	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis. beautiful specimens in tubs.				40.00		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers	.50	6.00	
" "	5		3-5 tiers	.75	9.00	
" "	6		3-5 tiers	1.25	15.00	
" " Compacta	6		3 tiers	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	
Pandanus Veitchii	6			1.50	18 00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Poa Trivialis Var	3	Fine for Ferneries				$ 6.00
Crotons	3				$1.50	
"	4				3.00	
Cibotium Schiedei	6			$1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
"	5				5.00	
"	7				9.00	
" Terminalis	6	22-24		.75	9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					.00
"	3				1.00	.00
" "	4				1.50	12.00
" Sprengeri	3				.75	6.00
" "	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" " "				5.00
Boston Ferns	8			1.25	15.00	
"	12			3.00		
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

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Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

WHITMAN, MASS.

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BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in	$8.00
Heliotrope, 3 and 4-in	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in	2.50
Verbena, 2½-in	2.50
Lobella, dwarf and tall, 2½-in	2.25
Alyssum, 2-in	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in	5.00
Tomato Plants	per 1000, $8.00

Cash, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Asparagus Seedlings

from flats, well grown and thrifty.

Plumosus Nanus...$10.00 per 1000 } Cash with
Sprengeri ..... 8.00 per 1000 } order prepaid.

Get our prices on large lots.

Large 3-in. Plumosus Nanus, $25 per 1000 prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

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PRIMROSES

Chinese Obconica and Forbesi. July 10, $2.00 per 100. Cash or C. O. D.

CINERARIA, ready Sept., $2.00 per 100.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $2.00 per 100.
Pansy Seed, large flowering, July, oz., $4.00.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

Mention The Review when you write.

SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

Mention The Review when you write.

Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

PRIMULAS

Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping now, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, fine for border, large 2-in., $2.50 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Very strong bench grown plants of Adiantum cuneatum, ready for 7 and 8-inch pots, 50c each.
John Wolf, Savannah, Ga.

Adiantum cuneatum, 4-in., very strong, 12c.
G. Aschmann, 1012 Ontario St., Phila.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.

Also a grand solid green specimen, 17 good leaves, some over 6 in. wide and 47 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

AGERATUMS.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum, dwarf blue, 2½-in. pots, $2.00 100. Cash with order. W. J. Chinnick, Trenton, N. J.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, red, yellow and pink, 2½-in., $1.25 per 100; $12.00 per 1000. Cash.
T. G. Arnold, Hanlin Station, Pa.

Alternantheras, red and yellow, 2¼-in., $2.00 per 100. Satisfaction guaranteed.
H. J. Huesman, Reading, Pa.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, 10 to 12 in., 2 yrs., 50c; 12 to 14 in., 60c; 14 to 16 in., 75c; 16 to 20 in., $1.00 each. Specimens, 7-in. pots, 30 to 35 in., $1.50 each. A. compacta robusta, very large, $1.25, $1.50, $1.75 each.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, a real splendid lot, $9.00, $12.00, $15.00, $18.00 and $24.00 doz. Cash.
A. Schultheis, College Point, N. Y.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

ASPARAGUS.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus plumosus, 2¼-in. pots, 40c per doz.; $2.50 per 100. Asparagus Sprengeri, 2½-in. pots, fine plants, 50c per doz.; $2.50 per 100. A. L. Harmon, Iola, Kan.

Asparagus plumosus nanus, fine plants, $1.25 per 100, $10.00 per 1000. Sprengeri, $1.00 per 100, $8.00 per 1000. (At least 500.)
Wm. Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus, in fine shape to retail at 100 per cent profit, 4-in., $15.00; 5-in., $25.00. Sprengeri, 3-in., $5.00; 4-in., $8.00.
W. H. Gullett & Sons, Lincoln, Ill.

30,000 Asparagus plumosa and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus, 2-inch, bushy, $3.00 100. Sprengeri, 4-inch, bushy, $10.00 100; 2-inch, bushy, $2.00 100.
Chas. L. Stanley, Plainfield, N. J.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus nanus for planting, 3-in., $3.00 100, cash. A bargain for growing or for cutting. C. F. Baker & Son, Utica, N. Y.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus nanus, strong seedlings from flats, $1.25 per 100; $10.00 per 1000. Postpaid.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. July delivery. Cash. Baur Floral Co., Erie, Pa.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus Sprengeri and plumosus, 2-in., $2.50 100. Plumosus, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, extra heavy, strong enough for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

400 Asparagus plumosus nanus, 3-in., strong, $5.00 per 100, for cash.
Loeffler & Benke, Watertown, Wis.

Asparagus plumosus, one year, bench-grown plants, $5.00 100.
F. C. Schweinfurth & Co., Ridgewood, N. J.

Asparagus plumosus nanns, 2-in., ready for 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in. pots, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, very strong, 3½-inch. $12.50 100. John Wolf, Savannah, Ga.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus. Good stock.
J. B. Braidwood, Colorado Springs, Colo.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

ASTERS.

Asters. Semple's, Queen of the Market and Comet, 5 colors, mixed, $2.50 per 1000. Semple's separate colors, white, pink, rose and lavender, $3.00 per 1000. All field-grown, ready to plant. Cash with order.
A. & G. Rosbach, Pemberton, N. J.

Asters, early and late, in separate colors and mixed, field-grown, $2.50 per 1000; transplanted, $3.00 per 1000. Cash. E. Fryer, Johnstown, Pa.

Asters. Carlson's White and Semple's Pink, 50c 100; $2.50 1000.
F. Griswold, Worthington, O.

BANANAS.

Variegated banana (Musa zebrina), well marked plants, $1.75 doz.
J. F. Allen, Orlando, Fla.

BEDDING PLANTS.

Bedding plants, all well-grown stock. Alternanthera, red, yellow, 2-in., $2.50 100. Alysaum, double sweet, 2½-in., $2.50 100. Coleus, Firecrest, Queen Victoria, 2-in., $2.50 100. Salvias, 2½-in., $2.50 100. Verbenas, assorted, 2½-in., $2.00 100. Nasturtiums, dwarf, assorted, 3-in., $3.00 100. Cannas, Burbank, Queen Charlotte, Chas. Henderson, A. Bouvier, Italia, 3½-in., $6.00 100. Geraniums, in bud and bloom, scarlet, dark red, salmon, pink, white and rose, all double, 3½-in., $6.00 100. Hydrangea Otaksa, in bloom, 5-in., 25c each. English ivy, 3 ft., 3½-in. pots, $8.00 100; 6 ft. and over, extra strong, $25.00 100. Honeysuckle, Japan Golden, monthly, fragrant, 4-in. pots, $8.00 100.
John M. Cook, Glenville Nurseries, White Plains Road, Tarrytown, N. Y.

Surplus bedding stock. Per 100: Ageratum, 3-in., $2.50. Lantanas, 3-in., $4.00. Heliotropes, 3-in., $4.00; 4-in., $6.00. Impatiens Sultani, 3-in., $4.00; 4-in., $6.00. Lobelias, 2¼-in., $1.75. Coleus, 2¼-in., $1.75; 3-in., $3.00 Vinca variegata, 2½-in., $2.50.

German ivy, 2½-in., $2.00. Alternantheras, 2 and 2½-in., $2.00; Alternanthera brilliantissima, $3.00. Mme. Salleroi, 2½-in., $2.50; 3-in., $4.00. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Bedding plants, special prices, fine stock. Cash.

Geraniums, 4-in. pots	$6.00 100
Salvias, 2-in. pots	2.00 "
Coleus, 2-in. pots	2.00 "
Begonias, 3-in. pots	6.00 "
Gazanias, 3-in. pots	4.00 "
Lobelias, 2-in. pots	2.00 "

Isaac Fricker Est., Poughkeepsie, N. Y.

Geraniums, leading varieties, 4-in., $8.00 100. Heliotropes, 3 and 4-in., $5.00 and $7.00 100. Coleus Verschaffeltii and G. Bedder and 8 other varieties, $2.00 100. Feverfew and verbenas. 2½-in., $2.50 100. Lobelia, dwarf and tall, 2½-in., $2.25. Alyssum, 2-in., $2.00 100. Alternantheras, red and yellow, $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

To clean up the balance of about 8,000 geraniums, salvia, vinca, feverfew and ten-week stocks, all in very fine condition, at $5.00 100, all in 4-inch pots.
Joseph P. Hauck, Carrick, Pa.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Viucent, Jr. & Son, White Marsh, Md.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

We have a full line of good stock.
J. B. Braidwood, Colorado Springs, Colo.

BEGONIAS.

Begonia Gloire de Lorraine, 2-in., strong plants for 4-in., $15.00 100; 3-in., strong, cut back twice, ready for 5-in., $25.00 100. Turnford Hall, very strong, 4-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in. stock, ready for a shift, $12.00 100. Begonia Turnford Hall, 2-in., $15.00 100.
Julius Roehrs Co., Rutherford, N. J.

Begonia Gloire de Lorraine, very healthy stock, 2¼-in. pot, $15.00 100. Cash.
Fred Rose, Bayside, L. I., N. Y.

Begonias, 16 choice varieties, 2¼-in. pots, 40c per doz.; $2.50 per 100.
A. L. Harmon, Iola, Kan.

Begonias, 10 varieties, 2½-in., $3.00 100; 3-in., $5.00 100. G. W. Renard, Avondale, Pa.

Flowering begonias, named, $2.50 100.
National Plant Co., Dayton, O.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2¼-in., $2.00 100; $17.50 1000. C. R. Hills, Grand Rapids, Mich.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BULBS.

Philadelphia, Pa., January 17, 1905.

H. H. Berger & Co.,
47 Barclay Street, N. Y.

Gentlemen: You shipped us last August 10,000 Lil. Harrisii. Your price was considerably lower than any one else, but we must say that your stock was equally as good. We forced a large quantity of your stock for Christmas and did not have enough to fill orders, all our customers stating that they were as fine as any they had ever seen. We must say that we are very well satisfied with the stock you sent us, and will again give you the greater part if not all of our order next season.

Yours very truly,
THAD. N. YATES & CO.

Ready for delivery, end of July.
5x 7, 100, $3.75. Case 400 bulbs.....$14.50
6x 7, 100, 4.50. Case 300 bulbs..... 12.50
7x 9, 100, 7.00. Case 200 bulbs..... 13.00
9x11, 100, 16.00.

We have only ONE KIND of Lilium Harrisii and that the best. We do not divide the stock in two sorts.

Ready—FREESIAS, pure white.
H. H. Berger & Co., 47 Barclay St., New York.

SPECIAL OFFER,
GLADIOLUS BULBS
IN SPLENDID CONDITION,
75c per 100; $5.00 per 1000.
Composed of Groff's hybrids, pink shades; Brenchleyensis, white and light shades; and our famous Floracroft strain. Only 10,000 to offer; write at once if you want them.
JOHNSON & STOKES,
217-219 MARKET ST.,
PHILADELPHIA, PA.

Our THREE-LEG brand of Bermuda Easter lilies gives so much more satisfaction than other stocks; being freer from disease and the true Harrisii, it is recommended to all florists requiring reliable stocks at moderate prices. For sizes and prices see display adv. in this issue. We shall be pleased to quote you price on all other bulbs.

Clucas & Boddington Co., 131 West 23rd St., New York.

Fischer's grand freesia, Purity, is a magnificent, snowy white, of large size and great length and strength of stem. It is very prolific, is a good shipper and every grower should try this, the best of all freesias. Large bulbs, $4.00 100, $30.00 1000; 500 at 1000 rate. Discount on 5000 and over.
R. Fischer, Great Neck, L. I., N. Y.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Lilium longiflorum, 7x9, from cold storage, for summer forcing, $50.00 1000 or $13.50 per case, 250 to a case. Either F. O. B. Buffalo or New York. Wm. F. Kasting, Buffalo, N. Y.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Narcissus. Surplus stock, strong, blooming bulbs, fine for Decoration day, in 4 hardy sorts, double and single, 60c 100; $5.00 1000.
F. A. Baller, Bloomington, Ill.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi, write for prices, stating number wanted.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs, 1,000,000, all 1½-in. diameter, and every bulb guaranteed a perfect crown. Write for prices.
Johnson & Musser Seed Co., Los Angeles, Cal.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Our catalogue of Guernsey grown bulbs is now ready. Let us send you it before you order elsewhere. N. Le Page, Mt. Vernon, N. Y.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Mail us your bulb requirements and avail yourself of our special prices.
Johnson & Stokes, 217-219 Market St., Phila.

Dutch bulbs. Special quotations on receipt of quantities required.
Franken Bros., Lake Forest, Ill.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CAMPANULAS.

Canterbury bell, assorted, 3-in., $3.00 100. Cash. R. G. Hanford, Norwalk, Conn.

CANNAS.

CANNAS. Several hundred fine plants of Parthenope, Burbank, and Alemannia; large plants from 4-in. pots, $5.00 per 100. Alemannia and Burbank, large plants from sand, $2.00 per 100. Other varieties in smaller quantities. Morton's Evergreen Lodge, Clarksville, Tenn.

Cannas. F. Vaughan and Duke of Marlborough, 4-in., strong, $6.00 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

Cannas. Henderson, Vaughan, Alsace, Charlotte, strong, 4-in., $6.00 per 100.
H. J. Huesman, Reading, Pa.

Cannas F. Vaughan, Berat, Chicago, etc., to name, 4-in., $5.00 per 100. Cash.
T. G. Arnold, Hanlin Station, Pa.

CARNATIONS.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Carnations, 100,000 field-grown plants. We are prepared to book orders now for early shipment. See display adv. for varieties. We guarantee all stock to be in A1 condition.
J. A. Budlong, 37-39 Randolph St., Chicago.

Carnations. Queen Louise, $2.00 100, $20.00 1000; Joost, $2.00 100, $15.00 1000. Fine from flats to plant. Cash.
Benj. Connell, West Grove, Pa.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

CENTAUREAS.

Centaurea, dusty miller, extra fine, 3-in., $2.50 100; a bargain; cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Centaurea dusty miller, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

We have plants from 2-inch pots, of the following varieties, all good stock and ready to ship at once:

Pink.	100	White.	100
Duckham	$3.00	Kalb	$2.00
Pacific	2.00	Robinson	2.00
M. Newell	2.00	Wanamaker	2.00
Cohbold	3.00	White Bonnaffon.	2.00
Murdock	2.00	Merry Xmas	2.00
Enguehard	2.00	White Mayflower.	2.00
Balfour	2.00	Red.	
Yellow.		Oakland	2.50
Monrovia	2.00	Black Hawk	2.50
Appleton	2.00		
Golden Beauty	2.00		
October Sunshine.	2.00		
Yellow Mayflower	2.00		

Write for 1000 rates.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums. We have to offer fine thrifty plants from 2¼-in. pots:

160 Viviand-Morel	25 Blackhawk
250 Weeks	40 Pennsylvania
25 H. Bloodgood	190 Modesto
100 Kalb	180 Bergmann
300 Percy Plumridge	150 M. Wanamaker
50 Adrian	650 Polly Rose
250 Glory Pacific	125 Niveus.

$2.00 per 100.

250 Pink Maud Dean	250 White Maud Dean
125 The Queen	450 Alice Byron
235 W. J. Bryan	300 Wm. Duckham
200 M. Bailey	100 Marie Liger
90 Golden Wedding	185 Nellie Pockett
50 F. S. Vallis	45 Lord Salisbury
195 Thirkell	65 Chadwick
165 J. A. Balfour	50 Golden Chadwick

$2.50 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Chrysanthemums, for July planting.

Mrs. Baer	Ariine
Omega	Alice Byron
L. Canning	Percy Plumridge
Willowbrook	W. H. Lincoln
Wm. Duckham	Col. Appleton
Mrs. Chamberlain	Mrs. Robin
Ben Wells	Major Bonnaffon

Fine plants, 2½-in., $2.50 100; $20.00 1000.
Baur & Smith, Indianapolis, Ind.

Hardy pompons, 10 named varieties, also the following chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific, Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, $2.50 100. Cash.
National Plant Co., Dayton, O.

Chrysanthemums Polly Rose, Ivory, White Jones, Pacific, Estelle, Halliday, $1.00 per 100. Nellie Pockett, Marie Liger, Alice Byron, Marion Newell, $1.50 per 100. Cash with order.
E. Fryer, Johnstown, Pa.

Chrysanthemums. 40,000 rooted cuttings, $9.00 per 1000, in the following good kinds: Ivory, Bonnaffon, Maud Dean, Appleton, P. Rose and others; also plants from pots at $2.00 per 100; 300 for $5.00, our selection. We guarantee to please you or refund money.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemums, 2¼-in. pots, stock very fine. G. Pacific, P. Rose, Ivory, J. K. Shaw, H. Parr, Halliday, Maud Dean, Mrs. J. Jones, $3.00 100. Josephine, Chadwick, Nagoya, $4.00 100. Chautauqua Gold, $6.00 100. Dr. Enguehard, Wm. Duckham, $8.00 100.
Lake View Rose Gardens, Jamestown, N. Y.

Rooted chrysanthemum cuttings. Black Hawk, Cullingfordii, Eaton, Mrs. J. Jones, W. Bonnaffon, Bonnaffon, Ivory, Pink Ivory, Pacific, Robinson, Appleton, Mrs. Coombes, J. E. Lager, Geo. Kalb, Monrovia, $1.50 per 100. Cash with order, please.
Olson & Lunden, Plantsville, Conn.

Chrysanthemums, young plants, 2½-in. pots, Mrs. J. Jones, Mrs. Perrin, White and Pink Ivory, Mrs. Robinson, White Bonnaffon, Mayflower, $2.50 per 100; Golden Wedding, $3.00 per 100.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Rooted chrysanthemum cuttings, $10.00 1000.

Mme. Bergman	October Sunshine
Opah	Pink Ivory
Willow Brook	Major Bonnaffon

From 2-in. pots, $2.00 100; $15.00 1000, same varieties. Eli Cross, Grand Rapids, Mich.

Chrysanthemums from flats. Nice stock of Wm. Duckham, Dr. Enguehard, $2.50 per 100. Alice Byron, Robt. Halliday, Tim Eaton, Yellow Eaton, $2.00 per 100. Cash, please, or C. O. D. A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemums, fine, strong plants of Chadwick, Golden Chadwick, Robinson, Bonnaffon, Morel, Intensity, Maud Dean, Shrimpton and Monrovia, $2.00 100.
Hoyt Bros., 807 Riverside Ave., Spokane, Wash.

Chrysanthemums. EASIGOLD, sterling new early mum for next season, strong plants from soil, $1.00 doz.; $6.00 100. Extra Bonnaffon, from soil, $2.00 100. Fletcher, Auburndale, Mass.

Chrysanthemums. Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson and other standard varieties, $2.50 100; $20.00 1000.
J. L. Dillon, Bloomsburg, Pa.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

Chrysanthemums, 30 good commercial varieties. Rooted cuttings, $1.00 per 100, $9.00 per 1000. Krueger Bros., Toledo, O.

A few hundred nice plants of White Bonnaffon and Col. Appleton, 3c each.
John Wolf, Savannah, Ga.

Hardy chrysanthemums, large plants, good varieties, 3-in., $4.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

CINERARIAS.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
W. H. Salter, Rochester, N. Y.

COBAEAS.

Cobaea scandens, 4-in., large, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cobaea scandens, 3-in., $3.00 100.
Crown Point Floral Co., Crown Point, Ind.

COLEUS.

Coleus. 500 Verschaffeltii and Golden Bedder, 2½-in., fine, $2.50 per 100.
Otis F. Searles, L. B. 288, Nashua, N. H.

Coleus, red, yellow and fancy varieties, 2½-in., $1.75 per 100. Cash.
T. G. Arnold, Hanlin Station, Pa.

Coleus Verschaffeltii. Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Coleus, 2-in., $1.50 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Coleus, mixed colors, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

COLEUS—Continued.

Coleus, 10 varieties, 2½-in., $1.50 100.
G. W. Renard, Avondale, Pa.

250 mixed, 2-in. coleus at 1c each.
Hammerschmidt & Clark, Medina, O.

CUPHEAS.

Cuphea, cigar plant, 2¼-in. pots, $2.50 100; 3½-in. pots, $6.00 100.
S. S. Peckham, New Bedford, Mass.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Cupheas, fine, 2½-in., $2.00 per 100.
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Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. Twice transplanted, $3.00 100, $25.00 1000; 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.
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Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
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Cyclamen, 2-in., 5 separate colors, $4.00 100.
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New dahlias of proven merit. All exquisite in form, shape and coloring. Send for descriptive catalogue.
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Foxglove, assorted, 3-in., $4.00 100. Cash.
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Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
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Dracaena indivisa, 4-in. pots, $10.00 100; 5-in., $18.00 100; 6-in., $25.00 100; 7-in., $35.00 100. S. S. Peckham, New Bedford, Mass.

Dracaena indivisa, 4-in. pots, $10.00 1000; 6-in., 35c and 50c each. Cash.
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Dracaena indivisa, 5-in. pots, 20c each; 2-in., $2.00 per 100.
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Dracaenas, all sizes. Write
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Quantities of echeverias at a bargain.
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Ferns in flats. Delivery July, 1905. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
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Ferns from flats, ready July. Aspidium tensimense, in all sorts; all kinds of pteris known, cyrtomiums, oncidiums, etc. Strong plants, $1.50 per 100; $12.00 per 1000. From 2¼-in. pots, $3.00 per 100; $25.00 per 1000. 250 at 1000 rate. Send for list of ferns.
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20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
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2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
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Boston ferns, 2-in., $3.00 100; 8-in., $10.00 doz. Piersoni, 6-in., $5.00 doz.
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Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash. H. Weston, Hempstead, N. Y.

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Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
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700 geraniums, 10 varieties, out of 3½-in., extra fine, to close out for $30.00, or $5.00 per 100; 200 S. A. Nutt, 2-in., for $2.00; 25 4-in. Mme. Sallerol, at 6c; 50 2-in., mixed ivy, at 2c; 50 rose skeleton, 3-in., at 5c. A bargain.
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Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100.
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Geraniums. A score of the very best new varieties. See classified adv. Apr. 13. A lot 2-in., $4.00 per 100. Every plant labeled. Cash with order.
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Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list. R. Vincent, Jr. & Son, White Marsh, Md.

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Clearance sale of prize gladioli at 33 1/3 per cent below regular rates.		
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250 bulbs at 1000 rate.
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Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
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Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

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Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
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Golden Glow, 4-in., 10c.
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Heliotrope, 2½-in., $2.00 100; 3-in. and 4-in., large, $5.00 100. Cash.
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Hydrangeas for lawns, porches, etc., 5 and 6-in. pots, fine lavender color, $35.00, $50.00, $75.00 and $100.00 100. Plants now showing color. Cash. A. Schultheis, College Point, N. Y.

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REVIEW Classified Advs.

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Ivy. I want variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to
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English ivy, 4-in. pots, 2 plants in pot, $8.00 per 100. English ivy, var., 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

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English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, O.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

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Get our prices on cold storage valley. We can ship every day in the year.
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Cold storage valley pips, in cases of 3000, $10.00 per 1000.
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Valley pips, best German forcing.
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Lily of the valley. Write
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Dwarf blue lobelias, rooted cuttings, $1.00 100, $8.00 1000; 3-in., in bud and bloom, $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, 2½-in., bushy plants, $1.50 100.
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Lobelias, $2.50 100.
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Mesembryanthemums, 4-in. pots, $6.00 100, cash. S. S. Peckham, New Bedford, Mass.

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Moonvines, 1000 extra large, 4½-in., white, all nicely staked up, 8c each; $7.00 100. Cash with order.
Honaker, The Florist, Lexington, Ky.

Moonvines, white, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
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When buying mushroom spawn buy the best. We are headquarters for "Pure Culture" spawn and importers of the best English spawn. Write us for prices and valuable information on mushroom growing. K. Gundestrup & Co., 4273 Milwaukee Ave., Chicago.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
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Frequent importations best English mushroom spawn; always fresh and lively.
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We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
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Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50 00 100; 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
John Bader, Troy Hill, Allegheny City, Pa.

Latania borbonica for 12-in. pots, 7 to 8 character leaves, $10.00 doz. Boston ferns from lath-house, for 4-in. pots, $6.00 per 100; for 6-in. pots, $15.00 per 100. Piersoni ferns from benches, for 4-in. pots, $10.00 per 100; for 6-in. pots, $35.00 per 100. Kentia Belmoreana, surplus stock, 2-in. pots, extra strong, $35.00 per 1000. Washingtonia robusta and Phoenix canariensis of all sizes. Samples on application. Satisfaction guaranteed.
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Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
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Pandanus Veitchii, fine specimens, nicely variegated, 34 to 36 in. high, from top of soil, $30.00 doz.; 6-in. pots, $1.00 each, $12.00 doz.; 5-in., 85c each, $10.00 doz.
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Phoenix, for lawns and porches, $5.00 to $14.00 pair. Kentias, from $1.00 to $20.00 each. Single plants or several in a pot, if wanted. Cash. A. Schultheis, College Point, N. Y.

Cocas Weddelliana, 3-in., 15c; Areca lutescens, made up, 5½-in., very fine, 40 to 50c each.
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Pandanus Veitchii, 6-in. pots, $1.00 each; $12.00 doz. J. Welch Young, Germantown, Pa.

Kentia palms. Large assortment.
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Palms and decorative plants.
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Philadelphia-grown palms.
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Pansies from field, in bud and bloom, 85c per 100. Otto Bourdy, Lowell, Mass.

Pansy plants, in bud and bloom, $4.00 1000.
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Pansies, extra fine, $1.25 100, cash.
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Pennisetum Ruppellianum, 2½-in., very strong plants, $4.00 per 100.
Rode Bros., Bowling Green, O.

PETUNIAS.

Petunias, single, 2¼-in. pots, $2.50 100, cash.
S. S. Peckham, New Bedford, Mass.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

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Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate and other varieties, write.
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Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Peonies and perennials. Send 30c in stamps for peony manual.
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Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

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Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
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Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
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Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready now, $3.00 100.
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Primroses. Chinese obconica and Forbesi, July 10, $2.00 100. Cash.
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Primula obconica, 2½-in., $2.00 per 100. Ready now.
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Forbesi seedlings, strong, 75c 100. Mailed. Cash. Byer Floral Co., Shippensburg, Pa.

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California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

ROSES.

Roses, 2½-in. pots.

	100	1000		100	1000
Uncle John	$3	$25	English	$25	$200
Chatenay	3	25	Am. Beauty	5	40

Roses, 3-in. pots.

	100	1000		100	1000
Kaiserin	$5	$45	Chatenay	$4	$35
Uncle John	4	35	Maid	5	40
Perle	5	40			

American Beauty, bench plants, cut down, $5.00 100; $40.00 1000.
Peter Reinberg, 51 Wabash Ave., Chicago.

For immediate removal we offer a limited number of good, clean, healthy rose plants at extremely low prices, as we need the space they occupy.

	100	1000
Uncle John, 3½-inch	$3.00	$25.00
Uncle John, 2-inch	2.00	15.00
Bridesmaid, 2-inch	2.50	20.00
American Beauty, bench plants	3.50	25.00

J. A. BUDLONG, 37 Randolph St., Chicago.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

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D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Liberty, Sunrise, Testout, La France, Helen Gould, 3-in. pots, $9.00 100. Bride, Perle, Maid, Gate, Kaiserin, 3-in. pots, $7.00 100. J. L. Dillon, Bloomsburg, Pa.

Roses, fine stock, from 3-in. pots.

	100	1000		100	1000
Am. Beauty	$4.00	$35	Bride	$3.50	$30
Maid	3.50	30	Ivory	3.00	25

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

ROSES.	100 2½-in.	1000 2½-in.	100 3½-in.	1000 3½-in.
Beauties	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gate	2.50	20.00	4.50	40.00
Maids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Grafted roses, fine stock, ready for benching. Bride, Bridesmaid, Golden Gate, 3½ and 4-in. pots, $12.00 per 100, $100.00 per 1000. Liberty, 4-in. pots, $15.00 per 100.
Fine own root stock. Bride, Bridesmaid, Golden Gate, Ivory, 3-in. pots, $3.50 per 100; 4-in. stock, $5.50 per 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Bride, Maid, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Surplus rose plants. Own root, 3-in., Perle des Jardins, $7.00; Gen. MacArthur, $8.00; Mildred Grant, $10.00; Papa Gontier, 4-in., $8.00 100.
Grafted, 3-in., Mme. Hoste, Mme. Cusin, $8.00 100. J. Breitmeyer's Sons, Detroit, Mich.

Surplus rose plants, Brides, Bridesmaids and Meteors, 2¼-in., $22.50 1000; 3-in., $30.00 1000. Cuttings were made from carefully selected wood and the plants are well worth the price. L. B. Coddington, Murray Hill, N. J.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Roses, clean, strong plants. Bride, Meteor, Golden Gate, 2½-in., $2.50; 3-in., $4.50. Maid, 3-in., $4.50. American Beauties, choice, 3-in., $6.00; 4-in., $10.00. Hermosa, C. Soupert, fine, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Roses in fine condition for planting. Bride, Maid and Meteor, 2¼-in., $20.00 1000. American Beauties, 3-in., very fine, $70.00 1000. Bride, 3-in., $30.00 1000. 250 at 1000 rate. Or will exchange part for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

Surplus stock of rose plants. Grafted—Bride, Maid. Own root—Bride, Maid, Perle, Chatenay, Gen. MacArthur, Cusin. All in 4-in. pots. Let us give you prices on your orders.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Roses, first-class stock, 3½-in. pots, $6.00 per 100. Bride, Bridesmaid, Perle, Meteor, Chatenay, Hoste, Sunset, Sunrise, Golden Gate, Ivory.
P. R. Quinlan & Co., Syracuse, N. Y.

Bride and Bridesmaid, strong, healthy, 3-in. stock, $4.00 100; $35.00 1000. Write for sample and be your own judge of value.
Geo. E. Campbell, Flourtown, Pa.

KILLARNEY, the best paying forcing rose ever grown, 2½-in., grafted stock, $20.00 100; $175.00 1000; 500 at 1000 rate.
Siebrecht & Son, New Rochelle, N. Y.

400 Brides, 2½-in. rose pots,	$2.50 100
300 Bridemaids, 2½-in. rose pots.	2.50 100
300 Brides, 3½-in.,	3.50 100

Wm. Swinbank, Sycamore, Ill.

Roses. La Detroit, 3-in., extra fine stock, while they last, $6.00 100. Chatenay, Perle and Sunrise, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Surplus roses. Will close them out at $4.00 per 100. 1000 Golden Gate, 1000 Ivory and 600 Brides, all in 4-in. pots.
J. W. Dudley & Son, Parkersburg, West Va.

Choice roses. Bride, Perle, Ivory, Bridesmaid, 2½-in., $4.00 100. All on own roots and are the best value ever offered.
John A. Kepner, Box 3, Harrisburg, Pa.

3000 Brides and Maids in 3-in. pots, $30.00 per 1000. Or will exchange for chrysanthemums. W. E. Fowler & Co., Edgemoor, Del.

ROSES—Continued.

Roses, all from 3-in. pots, good stock. Beauties, $5.00 per 100. Bride, Meteor, Gate, Sunrise, $3.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

1,500 Golden Gate, 3½-in., $4.00 100. 1,000 American Beauty, 3½-in., $5.00 100. Extra good and clean.
Worcester Conservatories, Worcester, Mass.

Roses. Bride, Maid, Golden Gate, Chatenay, Meteor and Liberty, 3-in., $4.00 per 100; 4-in., $6.00 per 100.
Warrendale Floral Co., St. Paul, Minn.

Brides and Maids, 3-in. pots, $3.50 100. American Beauty, 3-in., $4.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Kaiserins, strong 3-in., $6.00 100; $50.00 1000.
C. E. Meehan, Slocum and Musgrove Sts., Philadelphia, Pa.

We have 1000 3-in. and 500 2½-in., nice, clean METEOR plants. Make us an offer for them.
Krueger Bros., Toledo, O.

Bride and Maid roses, $2.50 100; American Beauty, 2-in., $5.00 100.
National Plant Co., Dayton, O.

2000 good Bridesmaids, from 3½-in. pots, $4.00 100. Cash.
James Horan & Son, Bridgeport, Conn.

6000 Kaiserin roses, 2-in., good and healthy, $18.00 1000.
C. & G. L. Pennock, Lansdowne, Pa.

Ivory roses, 2½-in., $3.00 per 100.
D. U. Augspurger & Sons, Peoria, Ill.

RUBBERS.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz.
Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvia splendens, surplus, 2½-in. pots, $1.75 100; $15.00 1000. Cash with order.
Wm. J. Chinnick, Trenton, N. J.

300 Salvia splendens, 50 Silver Spot, 3-in. pots, extra fine, $4.00 100.
Theo. Searles, Port Chester, N. Y.

Salvia splendens, 2¼-inch, $2.00 100; from flats, $1.00 100. Cash.
H. Weston, Hempstead, N. Y.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

CINERARIA STELLATA, most floriferous of all cinerarias; flowers are pure white, light mauve, violet, purple; the best cut flowers for funeral work, pkt., 25c.

CINERARIA MAX. NANA, giant flowered novelties—pure white, blood red, MAGNIFICENT old rose, azure blue, each color separate, pkt., 25c. All colors, mixed, 25c.

Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.

Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.

Best German, winter-flowering, ten weeks stocks, pkt., 25c.

Send for our new fall list.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1,000; per whole case of 5,000 seeds, $15.00.

ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1,000, 5,000 for $12.00, 10,000 for $20.00. Germination guaranteed.
Clucas & Boddington Co., 131 West 23d St., New York City.

Brown's extra select, superb GIANT PRIZE PANSIES were awarded silver medal, St. Louis exposition, 1904. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Giant daisy, finest giant, mixed, 1000 seeds, 25c.

Cineraria, finest large flowering, dwarf, mixed, 1000 seeds, 50c.

Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.

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H. F. Michell Co., 1018 Market St., Phila.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Johnson & Stokes' Kingly collection of giant pansies, half trade pkt., 1000 seeds, 30c; trade pkt., 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00. Also the most popular pansies of the best English, French and German strains. For varieties and prices see issue June 29.
Johnson & Stokes, 217-219 Market St., Phila.

Our new sweet pea, GLADYS UNWIN, best and largest pink by far; generally throws four flowers to a stem; for early autumn delivery, 10 shillings per pound.
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Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00; either strain.
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Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
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Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
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Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
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Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Improved Shasta daisy seed, 1000 seeds, 25c. Giant pansy seed, mixed, 1000 seeds, 25c.
Wm. Linfoot, N. Vermilion, Danville, Ill.

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Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
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Weigelt & Co., Erfurt, Germany.

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Rawson's Arlington tested seeds for the florist. Catalogue free.
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Pansy seed, large flowering, ready in July, $4.00 oz. Jos. H. Cunningham, Delaware, O.

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Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample.
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Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order.
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Smilax, strong young plants, 2¼-in. pots, ready for planting, $1.25 100; $12.00 1000.
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Smilax, strong, bushy plants from 2-in. pots, $1.25 per 100; $10.00 per 1000.
Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax seedlings, 25c per 100. Plants from 2-in. pots, $1.50 per 100.
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Smilax plants, strong, 2-in. stock, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, nice, bushy plants, 2¼-in., $1.50 100, $12.50 1000. C. R. Hills, Grand Rapids, Mich.

Smilax, 2¼-in., strong and ready to plant, $2.00 per 100. A. J. Winget, Mansfield, O.

Smilax, fine, 2¼-in., $1.50 per 100.
Ludvig Mosbaek, Onarga, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, fine, bushy plants, 2¼-in. pots, 40c per doz.; $2.00 per 100.
A. L. Harmon, Iola, Kan.

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Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

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Sweet williams, last call, fine stock, in bud and bloom, 3-in. pots, $3.00 100 to close them out. Cash. R. G. Hanford, Norwalk, Conn.

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Umbrella plants, very fine, 2¼-in., $2.50; 4-in., $6.00 per 100.
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TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.

CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.

BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.

PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.

CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Celery, strong, transplanted, ready for field—Golden Self-Blanching and White Plume, $2.50 per 1000, $2.00 per 1000 in lots of 5000 or over. Pepper plants, stocky, 8 to 10 in. tall, twice transplanted, $5.00 per 1000—Bull Nose and Chinese Giant. Write for prices on winter cabbage, genuine imported Danish seed. Sample plants mailed on application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.

Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.

Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.

My plants are fine. Cash with order.
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1,000,000 late cabbage plants for sale. Flat Dutch, Autumn King, Succession, Danish Ballhead, etc.; also 500,000 Giant Pascal, Self-Blanching and Boston Market celery plants. All A1 fine, stocky plants at 25c per 100, $2.00 per 1000. Try them.
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200,000 sweet potato plants, Jersey Red, Jersey Yellow, Southern Queen, Yellow Yam, $2.00 1000. Delivered anywhere in the United States.
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Chinese peppers, $2.00 1000; Ruby King, $1.50 1000. Cabbage—Succession, $1.50 1000. Celery—Giant Pascal, $2.00 1000.
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Late cabbage—Surehead and Premium Dutch, $1.25 1000. Cauliflower—Snowball, $3.00 1000. Cash. Ray H. Palmer, Randolph, N. Y.

Cabbage plants, Danish Ball Head, field-grown, $1.00 per 1000; 10,000 for $7.50.
R. Kilbourn, Clinton, N. Y.

Tomato plants, $8.00 1000. Cash.
Converse Greenhouses, Webster, Mass.

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Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, finest strain, mixed, from seed, 2-in. pots, $1.50 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Verbenas, fine plants, 3-in., $3.00 100.
G. W. Renard, Avondale, Pa.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

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10,000 Vinca major var., 2-in., $1.50 per 100; $13.00 per 1000. Cash. Express prepaid.
P. J. Agnew, Springfield, O.

Vinca var. major, 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca var., strong plants, long vines, closing out at 12½c. Otto Bourdy, Lowell, Mass.

Vinca var. major, 3-in., fine, strong plants, 6c.
A. J. Baldwin, Newark, Ohio.

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Violets. Selected field-grown clumps of Princess of Wales and California, $2.25 per 100, $20.00 per 1000; fine 4-in. pot plants, $2.50 per 100, $22.00 per 1000. Marie Louise, Imperial, Farquhar, field plants, $20.00 per 1000.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violets, nice plants from soil, clean and thrifty, $2.00 100; $15.00 1000. Satisfaction guaranteed. Cash.
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Genuine MARIE LOUISE DOUBLE violet plants, healthy, vigorous stock. Write for prices, etc.
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Violet plants. First-class rooted cuttings from Rhinebeck's famous stock, $20.00 1000. Cash with order.
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Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. Schaefer's, Inc., Newburgh, N. Y.

Marie Louise violets, 8000 fall clumps, good, at $5.00 per 100, $40.00 per 1000.
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Marie Louise violet plants, clean and healthy, $20.00 per 1000. Sample, 10c.
H. W. Stewart, L. B. 303, Rhinebeck, N. Y.

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Zinnia, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

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Wanted—Variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to O. H. Dickenson, 27 Lyman St., Springfield, Mass.

Wanted—Winter onion sets. Send sample and price to Herbert Winkler, Ironton, O.

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To Exchange—Salvia splendens, 2 and 2½-in. pots at $2.00 100, for Vinca variegata for stock.
H. W. Woundy, New Canaan, Conn.

To Exchange—Bride and Bridesmaid roses, 3-in., for chrysanthemums.
W. E. Fowler & Co., Edgemoor, Del.

To Exchange—Roses (see display adv.) for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

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Dagger ferns, laurel festooning, leucothoe sprays, bouquet green ,etc.
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SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
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Wax flowers and wax floral designs.
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GALAX LEAVES. Bronze or green.
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Nicoticide kills all greenhouse pests.
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Orchid peat and leaf mold always on hand.
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Peat, $1.00 per bbl. bag. Cash.
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Twemlow's old English glazing putty, liquid and elastic. Write Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.

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Sphagnum moss, fresh and clean, 5-bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. Cash.
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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Live, short sphagnum moss for orchids, at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting on Tuesday evening, June 27. Three new members were elected and two names proposed for membership. The prize this month was given for the best collection of outdoor flowers, shrubs included. Several fine collections were staged, the winning lot coming from Greystone, Samuel Untermyer's place at Yonkers, his gardener, John Featherstone, staging over sixty varieties. The F. R. Pierson Co. exhibited a number of beautiful varieties of iris, also some of the newer climbing roses, all of which were very much admired. It was decided to hold the annual outing in August, Rye Beach being again selected as being the most accessible to the majority of the members. W. S.

SOCIETY OF AMERICAN FLORISTS.

The Southwestern Excursion Bureau announces a round trip rate of one and one-third fare to the convention at Washington in co-operation with the other railroad passenger committees who have made similar announcements. The territory under the jurisdiction of this bureau includes southern Missouri, southeastern Kansas, Arkansas, Oklahoma, Indian Territory and Texas.

Wm. J. Stewart, Sec'y.

CEMETERY PLANTING.

The rules and regulations of the modern cemetery, covering the permissible plants in the decoration of graves and lots, when first promulgated, created more or less consternation in the florists' establishments in close proximity to the cemeteries. The lawn plan, with level graves, promised to seriously restrict the use of bedding plants and the class of shrubs and planting material so lavishly and irresponsibly used under the old regime; and while the authorities of the lawn plan cemeteries practically control such details nowadays, plants and shrubs used in the new order of things for memorial or decorative purposes are of so much better quality and kind that the trade has really been benefited rather than otherwise, and a prosperous spring and summer business is the rule. It may always be taken for granted that improvement carries with it compensating opportunities, besides imparting its beneficial influences to all allied interests, and the lawn plan of cemetery design and maintenance has further demonstrated the truth of this formula.—Park and Cemetery.

RANUNCULUS ASIATICUS.

"The re-introduction of what is believed to be the original form of Ranunculus Asiaticus, is certainly an interesting event, and may serve the purpose," says a writer in the Horticultural Advertiser, "as did the re-introduction of the single dahlia, of giving a new lease of popularity to a flower, which, in the first half of the nineteenth century, was highly popular. Gerarde, a herbalist of celebrity, in the year 1596, wrote concerning the ranunculus, and about the same time, Parkinson specifically enumerates several varieties of this flower. The exact period of introduction of the type to this country is probably unknown. It may be surmised that the original introduction was single-flowered, and that with cultivation a double form put in appearance. Van Oosten, who published a work in England, in 1703, says there are two sorts of ranunculus, single and double. By the early part of the nineteenth century, the single varieties appear to have dropped out of cultivation, but there had been a great increase of sorts, for John Mason, who established himself in business in 1781, and therewith laid the foundation of the house of Cooper, Taber & Co., published a catalogue in 1820, which contained nearly 400 sorts of ranunculus, showing how the varieties had multiplied. The Dutchmen early saw the advantage of cultivating the ranunculus, and from that source was derived most of the varieties with strong and dark body colors. The English growers, not content with the Dutch strains, turned their attention to the production of lighter and parti-colored varieties, these productions having brilliant edges and spots on white and yellow grounds. As late as 1858, Carey Tyso published a pamphlet dealing with the culture of the ranunculus, in which he offered collections of 100 varieties. Where are they now? It is to be feared utterly lost. Even the coarser and hardier turban varieties, which were at one time grown so much in market gardens round London, the scarlet turban especially, for bunching, have practically disappeared."

Lake Odessa, Mich.—The Lake Odessa Vegetable & Floral Co. is building two greenhouses, 20x100, and the necessary service buildings. The members of the firm are C. L. Vincent, formerly of Vincent Bros., Ionia, Mich., and G. P. Gassett, of Grand Rapids.

Auburn, N. Y.—John A. Kraus has filed a petition in bankruptcy, scheduling liabilities of $1,810.77 and assets of $570, part of which is claimed as exempt. The liabilities in the trade are not large. Those scheduled are: P. R. Quinlan & Co., Syracuse, $75; U. S. Cut Flower Co., Elmira, $6.24; Syracuse Pottery Co., Syracuse, $22.38; W. & T. Cass, Geneva, $25.75; Smith & Gannett, Geneva, $3.

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T. G. Y.

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H. L. L.

The six 1½-inch pipes, i. e., two under each bench, will be sufficient for carnations but hardly enough for roses. The rose house should be provided with at least two additional pipes, that is, eight 1½-inch pipes, or their equivalent, to provide for trying periods, even in Virginia. L. C. C.

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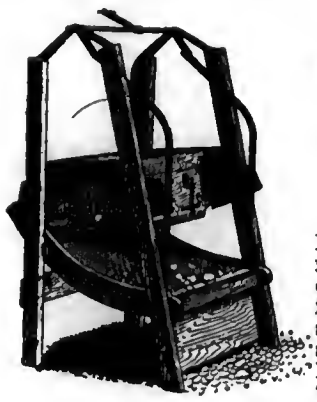
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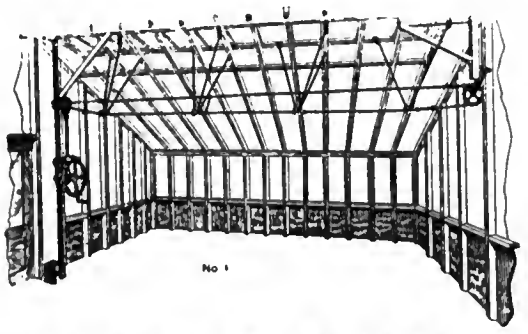
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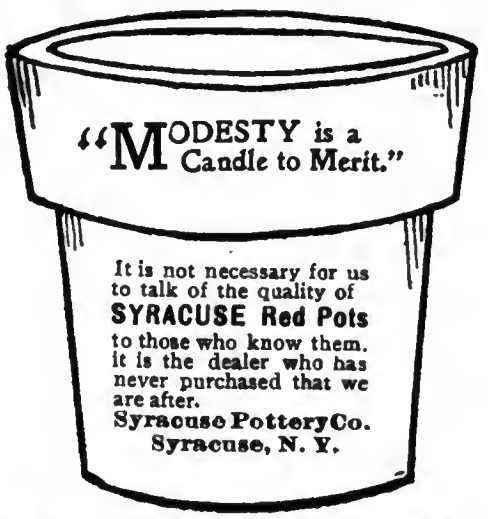
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G. L. GRANT, Editor and Manager.

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NEW YORK OFFICE:
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J. AUSTIN SHAW, Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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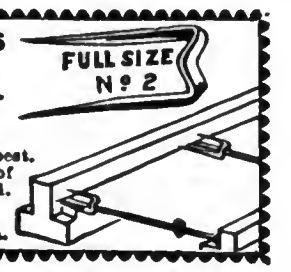
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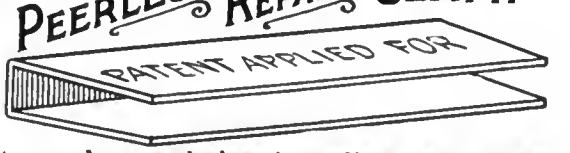
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Vol. XVI. CHICAGO AND NEW YORK, JULY 13, 1905. No. 398.

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THRIPS AND GREEN-FLY.

We are sending some carnation foliage and would like to know what is the cause of the trouble you will see and how to combat the disease. F. B. C.

The trouble you complain of is not a disease primarily. The yellow, dead spots in the leaves are dead plant tissue caused by the punctures of greenfly and thrips. If you will pull apart some of the tops you will find away in the heart of them both of these insects. Nicotine in any form will drive them out and you must go for them vigorously, so your field plants will be clean and started into a new, clean growth before housing time.

If they are growing inside I would advise you to spray them with nicotine extract, as I think that is the most effective. Strong, fresh tobacco dust is all right for the field. Dust it on in the evening and the dew will moisten it and it will stick to the foliage longer. Spraying can be practiced in the field, too, with success. A. F. J. BAUR.

PLANTS IN THE FIELD.

There are various reports as to the condition of carnation plants in the field. Housing is beginning in many sections and will be in rapid progress within the next week or two, although many growers find that their plants are not in as good shape as might be for early benching. The eastern growers have not had as much rain as they would like at many points, but they have, as a rule, fared better than the western growers, who have in most instances had more rain than was good for the stock. At many places in Michigan, and also in Iowa and Kansas, floods have worked havoc in the carnation fields and growers who had counted on a surplus of good stock to market will, in some instances, find themselves compelled to buy to fill their benches.

There are probably more plants grown for the trade in the vicinity of Chicago than at any other point in the country. Chicago has had more rain than normal, a shortage at the first of June having been turned to a half-inch excess by July 10. Those growers who have their stock on high land as a rule have very good plants. Those who are on low land have lost some stock, but not nearly so large a proportion as is reported from the Michigan district. It looks as though there would be good business in the line of field grown carnation plants this fall.

A BIG MIXTURE.

I would like to know if I could grow the following mixture of plants in one house, also what temperature should I run it from fall until spring? Carnations, red, white and pink Lawson and Enchantress, Easter lilies, calla lilies, sweet peas, geraniums and spiræa. My house is new, has never been used. I expect to put in fourteen runs of 1½-inch pipe on the side walls and two 1½-inch pipes under the middle bench. Do you approve the arrangement?

E. A. M.

You have named two carnations it would be most undesirable to grow in the same house, as Lawson does best at 55 degrees at night, while Enchantress thrives at 46 to 48 degrees. Keep your house about 50 degrees at night and you will get along fairly well with all the other plants you mention. The trouble is while the Lilium longiflorum will grow nicely in a night temperature of 50 degrees, to bring them in by the all-important Easter time they may want 10 or 15 degrees higher for several weeks. You must not expect great success, with all your plants at one temperature, but it will be better to let them come along the best they will at a steady night temperature of 50 degrees than be jumping up the heat to suit any one crop of plants.

I do not like your 1½-inch pipes. You should not use less than 2-inch and distribute them as much as possible. The farther apart the heating pipes the better the radiation.

W. S.



SUPPORTS.

As the plants grow the question of supports becomes one of importance and should be taken up as soon as possible. There are several ways of supporting the plants, but in my experience the best one is to use wire stakes and steady these by wires running parallel with each row of plants and sufficiently high to catch the stake some two feet from the ground. When the wires are drawn tight, as they should be, and the stakes are tied to the wire, the whole forms a rigid support for the plants and permits heavy syringing of the latter without breaking things to pieces. If one does not have enough wire stakes, bamboo canes are good and cheap and fill the bill almost as well.

Not a few growers run a wire for each row close to the ground and another one high up in the roof and then use a cheap, heavy twine between the wires for a support. This I do not like because it is impossible to get the strings tight enough and the stems cannot be kept so straight as when they are tied to a rigid stake.

Another way is to run several wires for each row at intervals of a foot or so in height, one above the other, and tie the plants to each wire as they grow upwards. This may have some merit as a time saver, but I would rather have the wire stake. Then each individual plant can be tied just where it happens to need it.

Get your plants tied up as soon as you can and do not let them lay around to get crooked in the stem and otherwise neglected.

Sun Scald.

Sun scald is likely to occur after a spell of dull, cloudy weather, during which the plants make a very soft, sappy growth. Then, when the hot sun strikes the house, the leaves wilt right down and the tips of the plants get injured. The proper thing to do is to keep the plants from wilting, if possible, by using more water, spraying the house more frequently and thus keeping the atmosphere charged with moisture. If the plants are wilting too much a thin coat of whiting can be sprayed over the glass with a syringe and this will prevent any injury by the sun and will be washed off again by the first shower.

It often happens that leaves will be burned in a line right across a house and this it will be found is caused by a bad spot in the glass, which should be painted out with white lead on the inside of the house. Then trouble will not be experienced again from it.

Varieties having thick, fleshy foliage are occasionally burned on the old leaves by the sun, but as it only catches odd leaves it does not do much damage and is generally put down as disease.

Pot Plants.

Single stem plants that are intended for 6-inch pots should be potted into

their flowering pots as soon as they are ready. Do not under any circumstances allow them to become pot-bound or dried out in the small pots, as a perfect plant should have all its foliage right down to the pot, and this is impossible if the base of the plant gets hard and woody.

Charles H. Totty.

THE BOSTON FERN.

In spite of the several meritorious new ferns, each offered as a successor of the Boston, that sterling old variety keeps right on in the forefront of public favor. Each autumn there has been a cry that the Boston has been overdone and stock has been sold at cheap prices in fear of a slow market, but it has never yet failed that the end of the winter season, or the early summer, has found good Bostons scarce, the condition which prevails today. Last fall larger stocks were ready than ever before, but everything has been disposed of and there is now an unsatisfied demand for good stock in almost every size.

There are large quantities of Bostons planted out on benches and outdoors, which will be ready for potting this fall, and probably once again the growers who have not glass area to house all their Bostons will be making sacrifice sales, but they are not otherwise necessary. It may be taken as assured that Bostons will again be good property next spring.

VIOLET GROWING.

By B. T. Galloway.

Insects and Diseases.

Practically the only insects that cause serious damage to the violet grower are the red spider and the black and green aphis. Violets are also seriously damaged at times by a nematode worm which attacks the growing buds, causing blind crowns. Of diseases the most destructive are the spot, and the wilt or stem-rot.

Red Spider.

Red spider is easily kept in check by thorough syringing throughout the season. As the growth of the plants increases, however, the syringing will have to be done with great care; otherwise, the leaves are left wet at night and diseases, especially spot, will result. A thorough syringing two or three times a week will keep red spider in check. It sometimes happens that red spider may become quite abundant and injurious on cuttings either on the cutting bench or in the flats. Where they can be readily syringed one of the most effective means of ridding the plants of the pest is to use a solution of Ivory soap sprayed on. Our practice is to use one ordinary five-cent bar of the soap to four or five gallons of water. The soap is shaved up with a small plane, dissolved with about a gallon of hot water, and then diluted to the quantity mentioned. After the soap solution is allowed to stand on the plants for an hour or two it should be syringed off. This solution destroys both the old and the young spiders, as well as a considerable per cent of the eggs. There is absolutely no danger in the use of the solution; in fact, we have frequently dipped the plants directly into it. This can be very easily done when handling the cuttings out of the bench. Bunches of cuttings can be dipped in the solution and then rinsed off in clear water.

Aphides.

For green and black aphis nothing is more effective than fumigation with cyanide gas. Fumigation with tobacco is more or less risky, as it is apt to bring on spot or other diseases. The gas treatment is so effective that it is now very generally used by violet growers. Care must be exercised in the handling of this gas, as it is exceedingly poisonous. The cubic contents of the greenhouse must be carefully worked out and the quantity of gas required accurately determined on this basis. Cyanide gas is made by combining potassium cyanide, ninety-eight per cent pure, with commercial sulphuric acid. The usual practice is to use fifteen one-hundredths of a gram of the pure cyanide for each cubic foot of house. Quite full and explicit instructions for the making and use of this gas have been published in the Review, by a number of the Experiment Stations and by the Department of Agriculture at Washington, and may be received upon application.

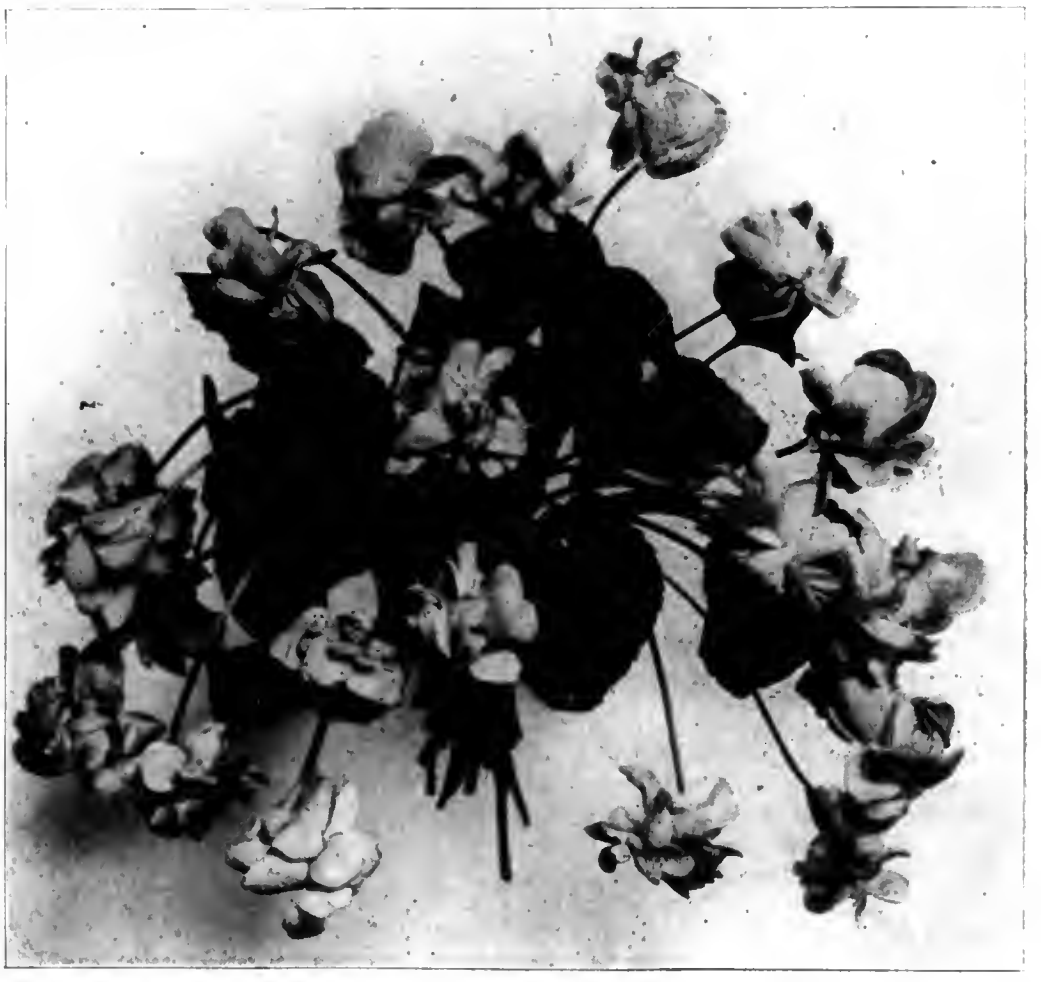
Bud Nematode.

During the past seven or eight years the bud nematode has become very destructive in violet houses, especially in the eastern portion of the United States. It must be carefully watched, otherwise it will greatly cut down the profits and in some cases may render worthless practically all the plants. The worm is a microscopic animal living in the tender tissue of the buds. By the destruction of the bud tissue the terminal development of the offshoot is prevented and a blind crown results. In the securing of stock every precaution must be exercised in the matter of avoiding the introduction of this pest. When once introduced there is nothing to do but to eliminate it by the destruction of the infested plants. By carefully watching the stock and propagating only from absolutely healthy specimens the nematode worm can in large measure be kept in check.

The Spot Disease.

One of the most serious troubles affecting the violet is the so-called spot disease. Spot disease is likely to cause injury in the late summer or early fall. There is little danger to be feared from the trouble while the plants are young. After the plants become large and are growing vigorously the latter part of August and the first of September, spot is very likely to come on, especially if the leaves are allowed to remain moist over night. Spot disease more than anything else has brought about the growing of violets under glass during the entire season. By exercising care in the matter of watering and not allowing the water to collect on the foliage in the evening, and by keeping the plants in good vigorous growth but not allowing them to become too soft, spot may be largely prevented.

As already indicated, excessive fumigation with tobacco will under certain conditions almost invariably result in a bad case of spot. Spot is caused by a fungus, the spores or reproductive bodies of which are nearly always present in the greenhouse. It is only necessary that the plants be weakened in some way when the spores will infect the leaves and spot



The Lady Hume Campbell Violet.

results. In case of an attack of spot the only thing that can be done is to remove the badly spotted leaves and burn them. If only a spot or two occurs on a leaf, the affected portions may be cut out. Never under any circumstances should these leaves be thrown in the walks or back of the beds, as they are always a source of further infection. Cleanliness in this case, as in all others with the violet, is absolutely essential to success.

Wilt or Stem-Rot.

Wilt, or stem-rot, is very apt to come on the latter part of August after the plants have attained considerable size. During the warm days plants here and there are seen to wilt slightly, recovering after the sun goes down. This will continue for a week or longer, when suddenly the plant wilts down and fails to recover. The difficulty is due to the presence of a fungus in the tissues of the stem. Experience has shown that infection in most cases occurs when the cutting is in the bench being rooted. Little black specks may be seen on the stems of the rooted plants. Frequently these affected areas are not larger than the point of a pin and they may remain practically dormant for months. In the mean time the plant has been growing and the fungus suddenly begins to develop, resulting in the complete girdling of the stem and the cutting off of the supply of moisture and nourishment. Certain kinds of sand are very apt to be infected with the spores of this fungus. This is especially true of sand where there is likelihood of organic matter being present in it. For cuttings the best material is clean bank sand. If upon examination many of the cuttings are found to be infested with the fungus, they should be discarded and only the healthy ones planted.

(To be Continued.)

INCARVILLEAS.

The incarvilleas are among the most showy of our hardy perennial plants. Belonging to the Bignoniaceæ family, they are fully as attractive as members of that family cultivated under glass. I. Delvayi has of late years achieved an extraordinary popularity and a vase of it in a collection of hardy herbaceous flowers arrests instant attention. I. variabilis, another variety grown to some extent, was introduced in 1898, by Haage & Schmidt, of Erfurt, Germany. The variety I. Olgæ is a native of Turkestan, growing two to three feet in height, with pale pink flowers, the tubes being one and a half to two inches long. I. Olgæ is more reliably hardy than I. Delvayi and I. variabilis. The two latter varieties we are usually unable to winter outdoors in Massachusetts, although one or two growers have succeeded in doing so. A warm, sunny spot, with sandy soil well manured, suits these plants. If kept outside a thick covering of leaves must be given. The safer plan is to lift the roots and store in a frame, or pack the same in dry sand in a cool cellar in the same way as dahlias are often preserved.

The accompanying illustration is from a plant of Incarvillea Olgæ grown under glass at Garfield park, Chicago.

W. N. CRAIG.

CLIMBING FERN.

I enclose a piece of a vine of which I should like to know the name and where stock can be procured. The florist of whom I procured this sample says he thinks it is Lygodium scandens. He has only a few plants and knows of none except a few he has sold from time to time. It grows like smilax and is much better for design work and decorating.

T. W. L.

The specimen in question is a portion of a frond of one of the climbing ferns and is probably Lygodium Japonicum instead of L. scandens. This fern is a native of Japan and the East Indies, and is not largely grown in the trade, although it has been in cultivation for many years. Lygodium could undoubtedly be used to advantage in design work and decorating, but it will not produce the same quantity of growth as smilax, and cannot be grown so profitably.

W. H. TAPLIN.



Incarvillea Olgae.

WASHINGTON HOTELS.

The following list of hotels and rates is supplied by the hotel committee of the Washington Florists' Club:

The Shoreham, Fifteenth and H streets N. W., six squares from meeting hall; single rooms, one person, $2 per day; single rooms, two persons, $3 per day; room with bath, one person, $3 per day; room with bath, two persons, $4 per day; suites of parlor and two bedrooms with bath, $10 per day.

Arlington, Vermont avenue and H street N. W., seven squares from hall; $2 per day for each person.

Manhattan, 604 Ninth street N. W., European plan, one square from hall; for men only; $1 per day and upward.

St. James, Sixth and Pennsylvania avenue N. W., European plan, seven squares from hall; single rooms, $1 to $2.50 per day; room swith bath, $2.50 per day; suites with bath, $3 to $4 per day.

Colonial, Fifteenth and H streets N. W., European plan, six squares from hall; single room, $1 per day.

Columbia, for men only, 1413 Pennsylvania avenue N. W., six squares from hall; room for one person, $1.50 per day; two persons, $2.50 per day.

Metropolitan, Sixth and Pennsylvania avenue N. W., seven squares from hall; American plan, $2.50 to $4 per day; European plan, $1 to $3 per day.

El Reno, opposite B. & O. depot, eleven squares from hall; single rooms, $1 per day; double rooms, $2 per day.

Johnson, Thirteenth and E streets N. W., four squares from hall; European plan, $1 per day and upward; American plan, $2.50 to $4 per day.

The rates of the other hotels have not been received by the committee but will be announced as soon as received.

The club has appointed Peter Bisset chairman of the committee to look after the private gardeners, to see that they are met at the depots and rendered whatever assistance they may need. Any gardener who intends to come to the convention can have rooms booked for him, or can get any information desired

by writing to Mr. Bisset, Twin Oaks, Washington, D. C., who will do all he can to make the sojourn in Washington a pleasant one.

THE THURLOWS.

One of the oldest and best known of Massachusetts nurserymen is T. C. Thurlow, of West Newbury. Mr. Thurlow's ancestors came from England in the early days of the settlement, locating at Newbury in 1635. His grandfather, born in 1777, was a farmer and turned his attention to fruit growing and market gardening. His son, born in 1805, also went strongly in for fruit growing. He also frequently visited the nurseries of Wilder, Breck, Hovey, Kenricks and other famous Boston men of that time. Thomas Chase Thurlow, born in 1832, inherited his ancestors' love for fruits, but being of rather delicate physique, after working with his father in the nurseries for some time taught a district school for two or three years. In 1857 he went west for a year, riding horseback in Missouri half the time, and returned east with health fully restored.

He decided to start a nursery and five acres at $50 per acre was the modest beginning his purse would permit, but he made and saved more on that area than he has since done on forty. Sugar maples and other shade trees, evergreens and deciduous shrubs were taken in hand. Living in a very cold country, he quickly saw the necessity of wind breaks and screens. Norway and white spruce were mostly used. The first hedge was planted forty years ago, is eight feet high and eight feet in diameter at the base. It is pruned each year in August or September. Other hedges planted have been allowed to grow higher, from fifteen to twenty feet high. One on the northwest side of a ten-acre field is forty feet high. Grass paths some eight feet wide are left on each side of the hedge. These are found convenient to team over. Crops are found to grow just as well near the hedges as away from them.

The great advantage of these hedges, which are very dense, is the protection from cold winds to buildings and nurseries. Thousands of hybrid rhododendrons, azaleas and other plants of doubtful hardiness are carried through without other protection of any sort. Norway spruce is liked better than the white spruce as a hedge. The Douglas fir also promises well and Siberian arbor-vitæ makes a neat hedge. Pines are not a success and hemlocks are unreliable.

These hedges shelter hundreds of robins and other native birds, which are fed in very severe weather. The result is that the winter birds are found to eat the eggs of various pests, and the summer birds the insects and moths. Spraying has been found unnecessary. Certainly all stock looks remarkably clean in nurseries and orchards.

Peonies for many years have been a great specialty with Mr. Thurlow. A few years ago he sold his entire collection to the Chicago Carnation Co., Joliet, Ill., but has again gone into their culture extensively and now has some 600 varieties, which include many of the very finest French, English and American sorts. He anticipates making a big display in 1906 when the Peony Society meets in Boston. Herbaceous phlox and German iris are other specialties largely handled. Rhododendrons, azaleas, kalmias, choice specimen coniferæ, shade trees and native shrubs are other lines gone into heavily. Plants are all well grown and a credit to any nursery.

Mr. Thurlow, although 72 years of age, is as enthusiastic a grower as ever and loves to talk on fruits, hedges and shrubs, to say nothing of his favorite peonies. He has two sons in the business and a grandson makes the tenth generation born at Newbury. There is evidently little fear of the name of Thurlow becoming a reminiscence, as the young men are worthy chips of the old block and extremely progressive and up-to-date in all their ideas.

W. N. Craig.

EARLY INSECTICIDES.

[A paper by C. N. Ruedlinger, read before the Florists' Club of Hartford, Conn., at its June meeting.]

In order to show that the raising of good fruits and flowers by our ancestors was carried on under difficulties and successfully accomplished largely through the persistent use of insecticides, I herewith give a short list of remedies used in olden times, some of which are in use today as standard insecticides:

In 1629 John Parkinson recommended for the canker to cut it out and then apply vinegar and cow manure.

In 1711 a spray of water with ruta was used in France for cantharides (fly).

In 1763 a preparation was put up in Marseilles as a remedy for plant lice, consisting of bad tobacco and water-slaked lime. Directions for use: "First wet the trees infested with lice, then rub flowers of sulphur upon the insects and it will cause them all to burst."

In 1791 Forsyth's Composition was used: One bushel fresh cow dung, one-half bushel lime rubbish, one-half bushel wood ashes and one-sixteenth bushel sand and soap suds, to make it bind. After applying, sift dry powder of wood ashes and one-sixth part ashes of burnt bones. This composition was recommended to cure disease, defects and injuries to plants, was held particularly valuable in promoting the healing of wounds and was commonly used to fill cavities in trees.

In 1797 an article appeared in the New England Farmer or Georgical Dictionary, where Sam Dean, D. D., vice president of Bowdoin College, says: "There are several experiments I could wish to have tried for subduing these insects, such as burning brimstone under the trees in a calm time; or piling dry ashes or dry loose sand, 'round the roots of trees in the spring; or throwing powdered quicklime or soot over the trees when they are wet; or sprinkling them about the beginning of June with sea water or water in which wormwood or walnut leaves have been boiled. The liquid may be safely applied to all parts



Old Home of T. C. Thurlow, West Newbury, Mass., Showing Character of the Country.

of a tree by a large wooden syringe or squirt. I should suppose that the best time for making trial of these methods would be soon after the worms are hatched, for at that stage of their existence they are tender and the more easily killed. Sometimes a frost, happening at this season, has destroyed them. This I am told was the case in some places in the year 1799.''

In a Treatise on the Culture and Management of Fruit Trees (American edition, edited by William Cobbett, 1802) Forsyth recommended the following mixture for the destruction of aphis: One-half peck unslaked lime, thirty-two gallons water. Allow this to stand three or four days, stirring two or three times a day. He recommended the same mixture for the destruction of red spider, but said that pure water would also answer the purpose. It is also stated that several English nurserymen used train oil (whale oil) against coccus or scale insects on plants.

J. Thacher, M. D., in the American Orchardist, 1822, gives a list of the following articles to be used against the apple tree borer, an insect that is designated as a ''pernicious reptile'' by the author: After digging out the borer fill the cavity about the base of the tree with ''flax rubbish, sea-weed, ashes, lime, sea-shells, sea-sand, mortar rubbish, clay, tanner's bark, leather scrapings, etc.''

In a Massachusetts agricultural report is stated that Josiak Knapp, of Boston, in 1814, used air-slaked lime with success against the canker worm. Later experience has shown it to be of little benefit for the canker worm, but recommends it for the slug on the leaves of fruit trees. Mr. Yates, of Albany, recommended the following solution for caterpillars: One handful wormwood, one handful rue, two handsful of Virginia tobacco and two pailsful of water.

In 1822 E. Perley recommended for scale insects on trees to wash them with lye or brine. On account of cheapness and ease of preparation clay paint was used very extensively. The Caledonian Horticultural Society, of Scotland, recommended that paint in 1825.

The following solution commonly used for bed-bugs, was also recommended for canker by the Practical American Gardener, Baltimore, in 1822: Corrosive sublimate, spirits and soft water.

On November 20, 1821, John Robertson read a paper before the London Horticultural Society, saying: ''Sulphur is the only specific remedy for mildew on peaches.'' William Cobbett, in the English Gardener, 1829, recommended for the cotton blight (woolly aphis) a wash of something strong, such as tobacco juice, or water in which potatoes have been boiled, or rubbing the part with mercurial ointment.

In The New American Gardener, 1832, Thomas Fessenden gives a list of solutions supposed to be strong enough to overcome the organisms against which they were applied, as follows: Simple water, soap-suds, tobacco water, decoctions of elder, walnut leaves, bitter herbs, pepper, lye of wood-ashes, solutions of pot and pearl ashes, water impregnated with salt, tar, turpentine, etc.; or they may be dusted with sulphur, quicklime or other acrid substances.

Lindley's Guide to the Orchard and Kitchen Garden, 1831, recommends vinegar for destroying insects.

In the New American Gardener, 1832, Fessenden quotes Loudon as saying: ''Saline substances mixed with water are injurious to most insects with tender skins and hot water is equally if not more powerfully injurious. Water heated to 120 or 130 degrees will not injure plants whose leaves are expanded and in some degree hardened; water at 200 degrees or upward may be poured over leafless plants.''



Thomas C. Thurlow.

Loudon's Encyclopedia of Gardening, 1878, quotes Mr. Swainson as saying that hot water will destroy more aphis than by the use of tobacco water.

In the New American Orchard, 1833, Dr. W. Kenrick speaks of alve and cayenne pepper for the aphis and quicklime, flowers of sulphur and lampblack for a white mealy insect and mildew on grapes.

In 1835 John Mearns recommended: ''Strongest farm-yard drainage, soft soap and flowers of brimstone'' for the destruction of insects.

White hellebore was used as early as 1842, particularly in destroying worms on gooseberry plants. In America it was not until 1858, the time when the currant worm was first noticed, that J. Harris recommended hellebore.

J. Murray, in 1841, used sulphur and alcohol against mildew on peach trees. In December, 1844, nitre and water was used for mildew on chrysanthemums. On March 5, 1842, David Haggerston was awarded a premium of $120 by the Massachusetts Horticultural Society for the cheapest and most effective mode of destroying the rose bug. It was two pounds whale oil soap to fifteen gallons water. A recipe made up by Nichols consisted of soft soap, flowers of sulphur, nux vomica and soft water, supposed to be good for any scale insects.

Loudon publishes Hamilton's recipe, consisting of the following ingredients: Sulphur, Scotch snuff, hellebore powder, nux vomica, soft soap, cayenne pepper, tobacco liquor and boiling water. Hamilton himself mentions that solution as a specific, if properly used; that is, while you wash the plants with this solution, remove the insects.

Grison, head vegetable gardener at Versailles, recommended flowers of sulphur, fresh slaked lime and water, for mildew. The liquid was called the ''Grison Liquid'' and is still in use. In 1850 J. Young, of Louisville, Ky., found that covering the young fruit with a thin coating of lime was a preventive for the plum curculio.

In 1861 W. F. Radclyffe experimented with copper sulphate, as it was used with good success for smutty seed-wheat. He tried it on roses for mildew. Not long after that growers were warned not to use sulphate of copper, as it would kill roses by coming in contact with their roots, and no more was heard of it until 1883, when, under the directions of Millardet, experiments were made with sulphate, carbonate, phosphate and sulphide of copper.

I may say a few words in regard to the invention of Bordeaux mixture. In southwestern France, in the Maritime department of Gironde, is situated the city of Bordeaux. It is one of the greatest grape raising districts. It was here that

the downy mildew of America made its first appearance, about 1878. The year 1882 was particularly favorable for the disease and but few vines escaped the attack. Those that escaped were situated along the highways. Vineyardists in these localities had suffered considerable losses from the stealing of their grapes by children and travelers along the highways. It had been the custom to sprinkle verdigris upon a few rows near the highway to give the appearance of having been poisoned. Some years before the appearance of the downy mildew, this substance being too expensive, it was replaced by a mixture of the milk of lime and some salt of copper. The vines thus treated were the ones which had retained their foliage through the fall of 1882, while others growing further from the road lost their leaves. Prillieux and Millardet were among the first ones to note the effect and they started at once to work out a proper solution, in which work they were assisted by U. Gayon, professor of chemistry in Bordeaux. It is consequently to these men that the honor of having first experimented with the "Bouillie Bordelaise," as it then began to be called, may be granted; and to Millardet in particular may be given the credit of being the first to plan and publish results which showed plainly the value of the copper compounds in commercial work.

Vegetable Forcing.

GREENHOUSE cauliflowers in New York are fetching 75 cents to $1 per dozen; other greenhouse vegetables are practically out of the market.

LETTUCE FOR FRAMES.

Seeds of lettuce should be sown now to give stock for planting in frames later on for fall use. The best place to sow the seeds is in cold frames, as they cannot be depended on to come up in the open ground should dry weather prevail. In frames they are perfectly under control, watering is easier attended to and shading can easily be given when necessary. The chief advantage of shade is to prevent the drying out of the soil too frequently just after the seed is sown and up to the time the little plants are well over the ground. In the open ground during bright, dry weather the moisture evaporates so quickly that it does little or no good as far as the seeds are concerned, but only hardens the surface and makes it hard for the seeds that do germinate to break through the crust. When shade can be given this crustation is prevented, both on account of less frequent application of water being necessary and by the eliminating of the baking influence of the sun.

As soon as the plants are large enough to handle they should be pricked out. About two inches apart each way will be sufficient room to make nice, stocky plants. A frame is the best place for the plants to be pricked into, though flats may be used if desired. Shade, of course, will be necessary for a few days after moving until the plants have made enough fresh roots in their new quarters to support themselves under the full influence of sunlight.

When planting where the plants are to mature the best distance apart is eight inches each way, but this will depend a good deal upon the size of the frames used. If the plants come so that there is barely room enough for the rows at this distance they could be kept just a little closer, but if kept further apart it would be all the better for the development of the plants. If the soil in the frame is a good, friable loam in fairly good condition, the addition of a good dressing of well decomposed manure will be all that will be needed to produce a good crop, but if the soil is of poor quality it may pay to remove it to a depth of about six inches and substitute with the same depth of a good fresh soil. W. S. CROYDON.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the REVIEW'S page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

July 15—Lucania	Liverpool.
July 15—St. Louis	Southampton.
July 15—Vaderland	Antwerp.
July 18—Fred'k der Grosse	Bremen.
July 19—Ryndam	Rotterdam.
July 19—Oscar II	Copenhagen.
July 19—Cedric	Liverpool.
July 20—Deutschland	Hamburg.
July 20—La Bretagne	Havre.
July 22—Etruria	Liverpool.
July 22—Pennsylvania	Hamburg.
July 22—Philadelphia	Southampton.
July 22—Kroonland	Antwerp.
July 27—Cretic	Naples.
July 27—La Lorraine	Havre.
July 29—Zeeland	Antwerp.
July 29—Caledonia	Glasgow.
July 29—Campania	Liverpool.

PHILADELPHIA.

The Market.

The cut flower market is dull now. It has, in fact, reached the summer level. The principal demand is for funeral flowers. Offerings for these occasions appear to be more general than in the past. Additions to the list consist in a few nice cattleyas at S. S. Pennock's, some fine Lilium auratum at the Leo Niessen Co.'s and plenty of sweet peas of improved quality from late sown seed.

At the Flower Market.

It was a quiet afternoon in July. Business was about over for the day, when half a dozen of the best known men in our profession gathered at the Flower Market. While they were waiting to dispose of the matter that had brought them together, the Commodore enlivened the time.

"I do not believe," he said, "in doing a cheap, nasty business. Anyone who wants to do that kind of thing can do it and welcome. He will get no benefit from it. It is far better to grow plants or flowers of good quality and sell a moderate number at a remunerative price, and throw the rest away, if necessary, than to sell them all at less than cost. I remember well," he continued, "how in the old days we used to get $10 for a bouquet of mixed flowers. That was the regular price. One day a man asked me to make him a bouquet entirely of rose buds. I told him it would cost $20. The man asked why it was so expensive. Could not the carnations and violets be used in some other way? I told him yes, but that the roses were desirable flowers and worth more alone. He agreed to pay the price. My partner thought I had made a mistake, but that man bought four more bouquets of rose buds at the same price that week. He liked the lady who received them to have something choice.

"I once made up a bouquet of Jacqs," the Commodore continued, "worth $54, thirty-six flowers at $1.50 each."

"Hold on, Commodore," one of the group exclaimed; "this will all be published." But the Commodore knew that it wasn't everybody who could tell things worth publishing and kept right on:

"Yes, that man was pleased, too. He came in afterwards and asked for another bouquet like it, only handsomer. So he got three dozen more Jacqs, with a broad band of lily of the valley around it, price $60. I believe in educating the public up to knowing a good article and then making them pay for it."

Verbum sapienti.

Various Notes.

Joseph Kift & Son, florists, 1725 Chestnut street, filed papers in bankruptcy last Saturday. It is said the liabilities amount to $20,000, the assets to between $3,000 and $4,000.

Mrs. E. A. Williams, of Pittsburg, was a visitor recently.

Johnson & Stokes have a very handsome pair of bay trees before their Market street seed store.

George A. Strohlein sailed for Europe on the Staatendam last week to secure all the finest azaleas for the Dreer collection at Riverton.

Paul Richter, the hustling manager of the Henry F. Michell Co., reports an unusually good July demand for miscellaneous stock.

Eugene Bernheimer enjoyed a brief fishing trip with a few friends at Beach Haven this week.

J. Liddon Pennock is spending his vacation at Ocean City.

A. E. Wohlert, of Bala, has a nice house of adiantum and asparagus.

M. Rice & Co. are busily engaged receiving and storing their fresh importations, working overtime to keep pace with the incoming stock.

Fred Berger has returned from his trip to Washington.

Charles P. Poryzees is planning some improvements in his store, 295 Fifteenth street.

Berger Bros. continue to receive a nice assortment of well-grown roses from the United States Cut Flower Co.

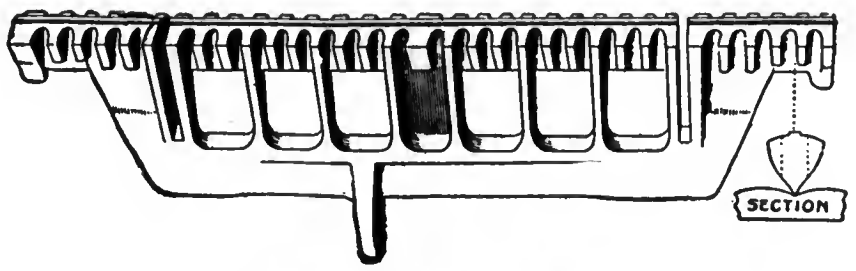
J. J. Habermehl's Sons have had some large funeral orders recently. John Wilson made up one bunch of 100 fine Beauties for a notable suburban funeral.

The Florists' Club meeting on Tuesday was devoted to S. A. F. convention matters and introspection. President Westcott is planning something very nice for those who will go with us to Washington. The bowling contest for places on the team to represent Philadelphia has commenced. PHIL.

IOLA, KAN.—A. L. Harmon has succeeded the firm of Harmon & Henderson and expects to greatly enlarge his glass during the summer.

THE ROCKING GRATE.

Visitors are always numerous at the big cut flower establishments north of Chicago and many of those who have gone through the Peter Reinberg, J. A. Budlong, Wietor Bros., Emil Buettner and other well known ranges the past season have noted, among other interesting features, a new grate either being installed or in operation under the boilers. It is called a "rocking" grate, a device for shaking out the ashes without opening the fire doors, and is made by a Chicago concern, the Martin Grate Co., 283 Dearborn street. These growers were led to adopt this grate because it is in successful operation in many of the largest steam making plants in Chicago and the middle west, where elaborate systems of cost keeping are employed, and in every case has demonstrated its ability to reduce fuel bills and increase the efficiency of the boiler. If there is any place where the coal bill is an important factor, it is in a greenhouse. The rocking grate is of reasonable first cost, but any way it would be entitled to a trial on the showing of economy in operation.



Grate Bar of the Rocking Grate.

While the grate seems to be satisfactory with any kind of fuel, it is especially so where there is a large percentage of fine coal, as in Pocahontas, which is the favorite fuel of most of the large growers in the vicinity of Chicago. It also saves coal where the cheaper grades are burned, such as slack or screenings. The construction is such that none of the fine coal drops through into the ash pit, as so much of it does with even the most careful firing on the ordinary grate. Those growers who have tried it at once noticed the difference in the ash. Another saving is in the large amount of heat lost in frequently opening the fire doors to stir up the fire with the slice bar. This not only breaks up the cake and sends fine coal into the pit, but has a very appreciable effect in cooling off the boiler. The rocking grate operates by a lever on the outside and frees the grate of ashes without opening the doors. The movement is not sufficient to break the cake and send the live coals into the ash pit, but keeps an unrestricted flow of air passing through the fire and produces complete combustion.

One of the accompanying illustrations shows the setting commonly used for a horizontal return tubular boiler with this grate in place. The other illustration shows one of the bars in detail.

It will be noted that the bars extend lengthwise of the fire box, an arrangement which, in connection with the design of the bar itself, is intended to facilitate the occasional use of the slice bar and hoe, and does away with the objection urged where the surface is irregular. The bar is one and one-half inches in width, including teeth, and five and one-half inches in depth. The spaces between the bars are not enlarged in the act of shaking, nor is it possible for clinker or other substances to drop down between and clog the grate, and as there are no long fingers it is not possible for a fireman to leave any part of the grate projecting up into the fire to be burned off.

This grate bar is very heavy, though the heavy part is a considerable distance below the fire line, with a free circulation of air through the bars horizontally. This circulation of air prevents the heavy part of the bar from overheating and warping. The top of the bar is slotted near each end to allow for expansion and contraction, and this slot and the free circulation of air are said to result in long life for the bar.

The bars rest with a wedge-shaped bearing on the supporting bars, making the operation of the grate extremely easy. It is said that very little effort is required to shake a grate sixty square feet in area. Ordinarily the air space for draft is about fifty per cent of the grate area, but it can be increased in a few minutes by changing the position of the bars.

The grate is adapted to use under any boiler. The Chicago growers who are using it put it under their old return tubular boilers and it can be installed under almost any kind of a heater with little trouble. No change in the fire box is required and the only cutting necessary is a 2-inch hole through the boiler front for the shaker rod.

DALLAS, TEX.

The local papers report that E. H. R. Green, son of Mrs. Hetty Green, is to become a florist. The announcement was made today of an important purchase of Dallas county real estate made by Mr. Green for the purpose. The price paid for the land was $250 per acre. Mr. Green has informed Dallas that it is his intention to make the place his permanent home. The flower farm enterprise will be chartered with a capital stock of $250,000, practically all to be owned by Mr. Green.

NEW YORK.

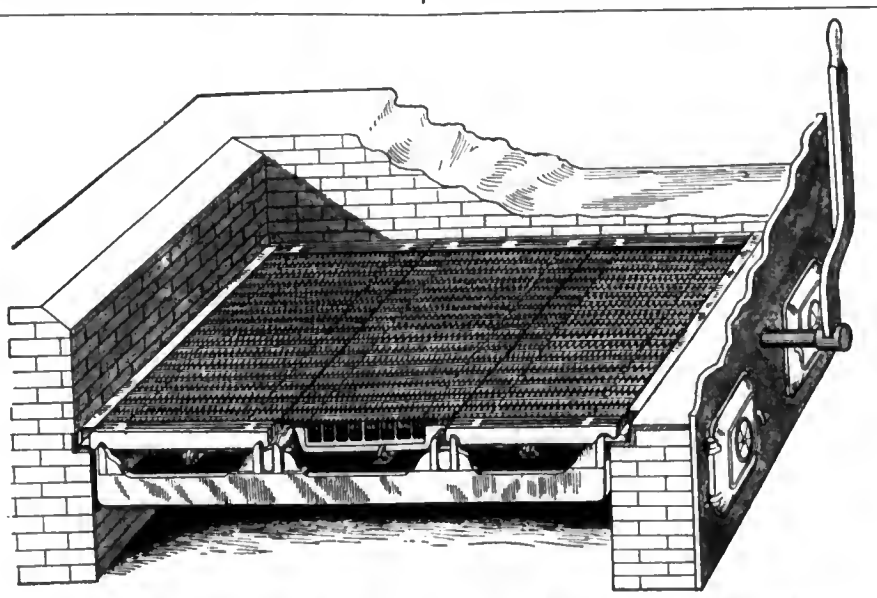
The Market.

For several days the most intense heat has prevailed here. At times the temperature has reached 100 degrees in the shade. The enervating effects are seen in every department of the cut flower market. The market was flooded with stock of nearly every kind, for which there was no demand whatever. Prominent retail stores report almost total stagnation. The boys in the small towns, who do not have to pay $5,000 to $15,000 a year rent, may gather some consolation from this when they think business is dull. Some of the wholesalers declared that no such conditions have ever been experienced in the history of the commission flower business. For hours at a time not a single customer could be seen in the wholesale market. Growers of the common grades of stock have been written not to ship their stuff, for not enough can be got out of it to pay the freight.

The next flood in sight will be the aster torrent. Preliminary warnings have already been sent out. Some of the growers have declared their intention of shipping 50,000 a day. It appalls one to figure on how little this stock can hope to realize, unless it be of the very finest quality. There is always a market, every day in the year, for the best of anything, but the day is rapidly approaching when a separate market will have to be maintained for the ordinary and poor shipments and when the wholesaler who caters to the bonton retail trade will accept and sell only that which is of superior quality.

There is another flood in sight. The local shipments of gladioli have commenced. It will be but a few days before enormous quantities of them will be in every wholesale house. Preparations have been made for the handling of greater quantities than ever before, from Childs and Cowee and dozens of the smaller growers in this vicinity.

The death rate has advanced considerably since the period of extreme heat has begun. Some notable funerals during the past week have kept some of the leading retailers busy. The Hay funeral, especially, at Cleveland, called for a great abundance of the best flowers and Messrs. Small and Thorley sent



Rocking Grate and Setting for Horizontal Return Tube Boiler.

special messengers with the designs ordered here. Mr. Trumpore, of Small's, tells me that never in his experience has he seen a greater display of orchids, some of the wreaths sent aggregating in value from $100 to $200 each.

A very large number of orchids were used in New York last week and fortunately the supply was equal to the abnormal demand. No finer cattleyas have ever been seen here. Mr. McManus reports that prices have held very firm. Carnations, when perfect, bring fair prices, but the enormous quantity of inferior stock can hardly be disposed of at all. Roses are sold without unpacking the boxes in most cases, and as low as 25 cents a hundred for them as they run has been accepted. Sweet peas cannot be given away. Thousands of strings of smilax remained unsold at the close of last week. Street merchants have gone to the summer resorts, and so closed the popular outlet for surplus stuff. Lilies continue excellent in quality and abundant. The Croweanum fern looks very familiar, and is no longer considered a specialty. Several houses are now handling it and the demand for it grows as the price becomes reasonable.

The Triple Alliance.

The Burnham-Hitchings-Pierson Co. has acquired the business interests of the Lord & Burnham Co., Hitchings & Co. and the Pierson-Sefton Co., with offices at 1133 Broadway and a branch office in the Tremont building, Boston. The new company will finish all uncompleted contracts made by the three concerns and the active members of each will continue in the management. There can be no doubt of the efficiency of the new corporation, owning, as it does, all the best patented features of the constructions of the old firms and doing business on economic lines. The company has unequaled manufacturing facilities. The Lord & Burnham Company's extensive iron and woodworking factories and foundry at Irvington, N. Y., cover about six acres and their dock facilities and conveniences for shipping are unequaled. The Hitchings factory at Jersey City has a large capacity and a national reputation and the Pierson-Sefton Company's plant includes two factories. All three industries will continue, as at present, in the manufacture of their specialties.

Various Notes.

As noted briefly last week the Thomas Young, Jr., Co. has been incorporated with a capital of $50,000. The members of the firm are John F. Sharkey, William Sausan and Eugene McAniney. The company will continue the retail business which Mr. Young has established at his several stores. Mr. Young himself, after his vacation in Europe, will give his entire attention to the wholesale business at 43 West Twenty-eighth street. It is hardly necessary to refer to Mr. Young's record as a wholesaler, covering, as it does, so many years of the commission cut flower business. He is probably as well known to the growers of this country as any man who has ever handled cut flowers in America.

The New York club's outing is now but a memory, but there are still echoes from it that will be heard a year from now. If we can change the date so that we may not have to contend against the school closings, and if the committee can decide upon a resort that will please everybody, next year's outing should easily gather an attendance of 500. Enough sports and prizes were provided this year to cover a week of outings.

F. H. Kramer, of Washington, was in town last week with items of interest as to the convention of the Society of American Florists. Nothing has been left undone to make this convention, he says, the greatest in the society's history. A large attendance is certain from New York. In fact, inquiry among the club members indicates that very few will be absent. Arrangements have already been made by many for the excellent accommodations suggested, and Mr. Gudè claims to have fixed things with the weather man so that no discomfort need be feared.

New York will have a bowling team at the convention. Hot weather and honeymoons and "harmony" have combined to make further practice evidently unnecessary. We have such a lot of good bowlers that we have decided that we can make up a club that will make a good run for first honors without any further preparation.

Down at Flatbush last Thursday evening we saw another illustration of how a bowling club can be maintained and good fellowship perpetuated through nearly a score of years. Never a Thursday night in the year can one visit Flatbush and be disappointed. There is always a quorum and an abundance of jollity and enthusiasm. Davy Mellis leaves this week for his month's vacation in the Vermont mountains with his family. Naturally he led all the bowlers and secured all the profits of the evening. The team from Flatbush will probably include Riley, Zeller, Schmutz and one of the Dailledouze boys, in addition to Mr. Mellis, and if they can bowl as well at Washington as they do at home they will bring back some of the handsome prizes of which we are told there will be an abundance there.

Thomas Sharkey, who has been bookkeeper for Thomas Young, Jr., for fourteen years, received his first visit from the stork last week and both the girl baby and its mother are doing nicely.

The vacation season is in full blast. Next week J. Nash, of Moore, Hentz & Nash, will begin his two weeks' outing at Blairstown, N. J. John Kral, head salesman for the same firm, is now on his farm at Port Chester, N. Y., enjoying a three weeks' vacation.

On Thursday last Joseph Volke, foreman for W. H. Seibrecht, and Miss Crozier, of Astoria, were married.

Miss Riley, bookkeeper for J. K. Allen, will be away enjoying her vacation in the mountains until August. The veteran "J. K." himself will take in the Washington convention this year instead of going to Europe. Mr. Allen, in the eighteen years he has been in the wholesale business, has the record of never having disappointed a grower, not once in all that time failing to send on each Tuesday morning a check for every dollar due, a record of which any man has reason to be proud. There are a number of others in the wholesale section who hold similar records for promptness.

Lion & Wertheimer and Schloss Bros. will both have extensive exhibits of their ribbon specialties at the Washington convention. These firms both report an unusual year's business.

The yearly redecoration of the wholesale stores is now in full swing. Closing hour comes earlier every day and quite a number find opportunity to retire from active duty at noon. If the system of early closing could only be made universal among the retailers it would cause general satisfaction. Some of the retail stores actually remain open until 10 o'clock at night and until 6 o'clock on Sunday. These are not only the smaller stores, but the very best in the business maintain this antiquated system, even during July and August. The only result that I can detect is the dissatisfaction of faithful employees, who feel that some concession is due them, at any rate during the "dog days," after ten months of continuous service when no stated hours are possible.

The worst wind and rain storm of a decade visited New York Monday afternoon. J. M. Thorburn & Co. suffered quite a loss by the breaking of a skylight.

Reed & Keller have a large assortment of novelties already packed and ready for early shipment to the S. A. F. trade exhibit. H. H. Berger & Co. will be there with bulbs and imported plants. Julius Roehrs Co. has its usual fine exhibit selected.

Mr. Keller, of Reed & Keller, leaves July 23 on the Deutschland for a trip to Germany.

P. Riley, for many years private gardener for Millionaire Brown, of Flatbush, since the death of that gentleman and the sale of the greenhouse stock has joined the Dailledouze Bros. and is now doing his share in raising as fine carnations and mums as reach the New York market.

The Newport season has opened slowly, but this week sees the majority of the New York force of all having branches there on their way to the strenuous society functions of the 400 in the city by the sea. A great season there is anticipated.

J. Austin Shaw.

WASHINGTON.

The Market.

Business the past week has been very quiet. Stock of all kinds is practically gone, that is, good stock, such as roses and carnations. Outdoor stuff seems very poor. The craft in general depends entirely on the northern market for good stock of all kinds. Considerable call has been made for funeral flowers. Among the growers some have housed their carnations. Roses have all been planted and in general look very healthy and the outlook for the coming season is very bright. Among those who are building and rebuilding are Robert Bowlder, Theodore Deidrich and F. H. Kramer, mostly for carnations, as this flower is increasing in popular favor each season.

Convention Matters.

The various committees have nearly completed their work for the coming S. A. F. convention. There will be some slight changes to follow the program. The reception will take place at Carroll hall, a handsome building adjoining the exhibition hall, or on the lawn of Loeffler's park. If on the latter, it will be quite a novelty.

The men's bowling will take place two squares from the exhibition hall. The six alleys are the finest in the country. The ladies will bowl about three blocks from the exhibition hall, on the Spar-

rows alleys, which are new, having been completed only a month ago. Lunch will be served there by a well known caterer.

The shooting will take place on the well known grounds of Robert Cook. He being one of those jolly good fellows, will take care of the team and see that none will fall into temptation.

On Friday the visitors will take a trip to the United States capitol and thence to the Congressional library, without a doubt the finest building of its kind in the world. After spending two hours there lunch will be served.

Chairman J. R. Freeman expects to get the souvenir book into the printer's hands by the first of August. Superintendent Cook has very little exhibition space left to sell.

Captain Ernest and his team are rather slow, but promise to get together more often after this.

Chairman Gude is letting no grass grow under his feet. He is here, there and everywhere, with Vice-president Freeman, pushing things along. They both claim a big success for the S. A. F. convention. We number now sixty members. F. H. K.

CLEVELAND.

The Market.

The month of June proved to be a good one from a business standpoint. There were many weddings, social functions and commencements. Not many were of large magnitude, but enough of medium caliber to uphold the trade. July has started out well and all hope it will continue so. Stock is shortening up considerably and quality is at a premium. Brides and Maids are becoming practically invisible, while Kaiserin and Meteor are exceptionally fine from local growers. Carnations are out of the running altogether, being decidedly poor of color and deficient in substance. There is surely a good opportunity for some wideawake florist to make a hit on summer blooming carnations. Sweet peas were never better than this year, fine color and long stems. Shasta daisies, coreopsis, gypsophila, gaillardia and other hardy perennials are in abundance and used with good effect in window decorations. The price of good stock holds up well. Fine Kaiserins brought $8 per hundred last week, Meteor from $3 to $6, tea roses $2 to $5, Beauties $1 to $2.50 a dozen, carnations $1 to $2 per hundred and sweet peas 25 to 50 cents.

Various Notes.

Again Cleveland lost one of her illustrious men in the death of Secretary John Hay. He was a noble man and the world's best diplomat. The call for flowers was not extraordinarily large, although the principal retailers had some fine work. The price of some designs ran above $100 and the artist was called upon to do his best. The Gasser Co. had a large share of the work, taking care of some foreign orders from Japan, Mexico and elsewhere, also the family work. Smith & Fetters decorated the Chamber of Commerce, where the body lay in state, and also made many designs for prominent people. Miss Eadie was very busy with design work. C. M. Wagner made up several handsome designs for this occasion.

Isaac Kennedy, of West Park, is cutting extra fine sweet peas and Shasta daisies. His Ramblers are a beautiful sight.

Merkel Bros., Mentor, O., are still sending some good carnations and sweet peas to Mr. Wagner.

M. F. Harrison, of Collins & Harrison, is now managing the Ohio Floral Co.

L. C. Hecock, of Elyria; W. H. Jones, of Loraine, O., also Fred Staley, of Lorain, report the best business on record for June. The latter has a magnificent plant, newly built last year.

Frank Smith was visiting relatives in Buffalo for a few days and is now sojourning in Detroit.

L. Greif, president of the Ohio Floral Co., is at Buffalo with the B. P. O. E.

At the club meeting July 10 a committee, consisting of A. L. Brown, C. Schmidt and B. Hart was appointed to find a suitable picnic grounds and report at the next meeting. There was a very large attendance at the meeting. About twelve members anticipate going to the convention. FOREST CITY.

DENVER.

The Market.

Holiday influences and irregular weather had a tendency to curtail the market the past week. The regular summer business is now on and somewhat erratic. Stock is still plentiful, although a greater part of it is not select. Brides and Maids, although small, are of fair quality. Chatenay is perhaps the best of any of them. Carnations are still plentiful, though smaller in size than recently and still quite good. The new stock of American Beauties is commencing to come in and is of fine flower, though not yet of long stem. Sweet peas are arriving in unlimited numbers, some of the stock being of inferior quality and being sold for 20 cents per hundred, with a likelihood of the values going still lower. The Shasta daisy is quite abundant and of good quality. Other outdoor garden flowers are seen but not in large numbers.

Various Notes.

The Park Floral Co. gave its employees the annual picnic on July 4, going to Riverview, up Platte Canon, where a fine pavilion held tables spread for about seventy-five people. With Cavalla's orchestra to discourse fine music for dancing, with prizes for athletic sports, also for the finest collection of wild flowers, made a very enjoyable day. President J. A. Valentine acted as toastmaster and delivered the principal address of the day. All the employees voted it one of the most enjoyable picnics yet given.

D. S. Grimes, the pioneer florist, whose illness we noted in our last communication, died at his home on June 28, the funeral taking place on Friday, June 30.

Mrs. J. A. Valentine and Miss G. E. Page, secretary of the Park Floral Co., left for a trip to California last week, expecting to be gone several weeks.

B. E. Gillis, of the Park Floral Co., and one of our expert bowlers, whose average was 107 in the league, took the prize given by the La Court alleys for high game last week, rolling 214.

E. S. K.

TEWKSBURY, MASS.—E. Winkler is preparing to put up an even-span house 30x100 for carnations.

SPRINGFIELD, ILL.—Earl Metz, who for several years has been with J. C. Murray at Peoria, will come here to enter the employ of Miss Belle Miller.

ST. LOUIS.

The Market.

Midsummer trade conditions are fully up to the general averages among the retailers and wholesalers. The weather is all that we can wish for. Copious rains, with a delightful cool spell since July 4, have made our city an ideal summer resort.

Cut stock is not any too plentiful. Fancy Bride, Maid and Kaiserin are selling well, and so are Beauties, Liberty and Meteor. Some Perles are in, but too soft to sell well. Carnations are in fair supply. A great many of them are field grown. The demand for these is always good for the best stock. Sweet peas are still coming in heavily. These are not moving as fast as they should at the low price at which they sell. The quality is still very good, but stems are very short. More white are being used, as funeral work is about all the florists depend on these days. Lily of the valley is good in supply, with fair demand.

The market is filled up with all kinds of outdoor stuff, which sells slowly and at cheap prices, being used only for window display. Gladioli are coming in more plentifully now and seem to sell well. Fine Asparagus plumosus is in, with good demand.

Various Notes.

The trustees of the Florists' Club have selected Moellenbrock's grove at Horse Shoe lake, on the east side, for the outing. This is a new place for the members and it is said that it is one of the best appointed places that could be found. On the grounds will be fine fishing, boating, bowling, dancing, plenty of music and lots of room for all kinds of games. The arangements are all complete for one of the best outings the club has ever had. The date is next Thursday afternoon, July 20. Those going in the morning will be at North Market street ferry at 8 o'clock. The afternoon time of departure is set for 1 p. m. at the same place. Cards with instructions will be sent to all florists. We hope that all employers will give their employees a day off to attend this outing. As usual, all the wholesale houses will close at noon.

The flower show committee met last week at Weber's store to work on the premium list and other important matters.

S. S. Skidelsky, the man who sells everything in the florists' line, is calling on the trade this week. Mr. Skidelsky says from what he hears that the S. A. F. attendance will be large at Washington.

The committee charged with making arrangements for attending the S. A. F. convention at Washington next month has about completed satisfactory terms with the B. & O. to Cincinnati, and from there to travel with the Cincinnati, Louisville, Indianapolis and possibly Chicago delegations on to Washington. This would surely assure pleasant company all the way.

Last week the Michel Plant and Bulb Co. held an auction of miscellaneous plants at their place on Magnolia avenue. Quite a lot of stock was disposed of.

The Alps Floral Co. has opened for business at the Tyrolean Alps at the World's Fair grounds. Henry C. Ostertag, of Ostertag Bros., is one of the promoters of this enterprise. He reports

trade first-class, keeping six young saleswomen busy all the time.

Bowling.

The bowlers divided into two teams on Monday night, July 3, with the following results:

Player.	1st	2d	3d	4th	T'l.
Kuehn	166	164	139	137	606
Meinhardt	177	161	157	154	643
Lohrenz	125	124	120	134	503
Hibbert	120	126	166	140	552
Totals	588	575	576	565	2,304
Player.	1st	2d	3d	4th	T'l.
Beneke	144	127	143	179	593
Beyer	157	128	117	158	560
Gerlach	165	124	120	134	543
Adels	132	153	153	136	574
Totals	598	532	534	603	2.270

Mr. Hibbert, of DeSoto, Mo., bowled with the winning team.

The bowling on Monday night resulted as follows:

Player.	1st	2d	3d	4th	5th	T'l
R. Meinhardt	141	175	210	144	167	837
J. J. Beneke	166	155	174	143	156	794
C. A. Kuehn	161	133	182	144	157	777
Ed. Gerlach	220	138	97	142	156	753
Wm. Adels	136	132	103	157	136	664
F. Meinhardt	165	127	148	169	...	609
H. Lohrenz	117	162	144	170	...	593

J. J. B.

BOSTON.

The Market.

Conditions were worse the past week than during any period this year. The bottom has completely dropped out of the market and flowers are hard to move at any price. But for the fakirs there would be very little trade some days and buyers can secure goods at practically their own prices. Roses have slumped heavily and a good many have remained unsold. It is hard to quote prices, which have varied from 25 cents to $4 per hundred on Bride, Maid, Carnot and Kaiserin, a small number making better prices. Outdoor hybrids are practically over. Carnations are a glut. Prices have run as low as 15 cents per hundred and quite good blooms have gone for 25 cents. Very few reached $1. Valley holds up fairly well, but sweet peas, owing to heavy outdoor supplies, are down to from 10 to 20 cents per hundred. There is a limited sale of other flowers coming in. As growers are busy throwing out houses of roses and carnations, a lessened supply of these is likely from now onward.

Exhibition.

There was a splendid exhibition at Horticultural hall on July 8 and 9. The season was a trifle early for sweet peas, but some good displays were made. William Whitman, M. Sullivan, gardener, was first for thirty named varieties. For twelve varieties T. C. Sias, Joseph Thorpe and E. C. Lewis won in order named. Some of the best commercial sorts noted were Hon. Mrs. E. Kenyon, Lord Roseberry, Dorothy Eckford, Gladys Unwin, Miss Wilmott, Lady Grisel Hamilton, Prima Donna, King Edward VII and Duchess of Sutherland.

For fifty vases hardy roses there was a good competition, some fine blooms being staged. M. H. Walsh took first and third and W. A. Riggs, gardener to E. A. Clark, second. Several tables were filled with Iris Kæmpferi. For twenty-five vases Mrs. J. L. Gardner, William Thatcher, gardener, was first and T. C. Thurlow second. There were magnificent delphiniums, the finest ever seen in Boston. For thirty vases, three spikes to a vase, William Whitman won with a superb lot, also taking third prize, Mrs. J. L. Gardner being second. W. Whitman also had the best of several collections of Canterbury bells. There was keen competition for thirty varieties herbaceous plants, Blue Hill Nurseries winning with a splendid table, some of their best vases being Hemerocallis Thunbergii and H. aurantiaca major, Alstrœmeria aurantiaca, Delphinium Barlowi, Ulmaria rubra and Lilium superbum. Bay State Nurseries was second and F. J. Rea third.

There were a number of meritorious honorary exhibits. M. H. Walsh had a large display of cut sprays of Lady Gay, Debutante, Wedding Bells and other rambler roses. Jackson Dawson showed two interesting seedling ramblers, one named Daybreak securing honorable mention. T. H. Richardson had a fine lot of delphiniums. R. & J. Farquhar also staged an extensive lot of delphiniums, gaillardias and other seasonable perennials. There was a fine display of perennial phloxes and Japanese irises from H. A. Stevens Co. and of Dorothy Perkins rose from F. J. Rea.

Robert Cameron showed about 200 vases of herbaceous plants in over 100 varieties, which made a grand display, the largest of the kind seen this season. Blue Hill Nurseries had a long table in addition to their prize winning one. Mrs. E. M. Gill and Mrs. J. B. Lawrence also had displays. From Mount Desert Nurseries, Bar Harbor, Me., Wm. Millar, manager, came one of the largest and most interesting collections of herbaceous perennials seen for a long time. It included large vases of numerous double peonies, liliums, including a fine vase of L. Grayi; delphiniums and a host of other good things. Cheiranthus Marshalli, orange yellow, was much admired. For forty varieties native plants Miss I. C. Shattuck was first and Mrs. Arthur Clark second.

There was a good competition in the classes for strawberries, cherries, currants and other fruits. Vegetables were shown in quantity. For best collection arranged for effect W. W. Rawson was first and W. J. Clemson, J. O. Christensen, gardener, second. The Mycological Society had its initial show of fungi. E. McMulkin contributed numerous palms to use in decorating the large exhibition hall, which was completely filled.

The next exhibition occurs on July 22. During August they will be held weekly.

Various Notes.

E. Sutermeister and son, of Readville, are spending a few weeks at Westford, Me. Mr. Sutermeister still feels some effects of his recent accident.

Mr. and Mrs. S. Reminisky sailed for Europe on July 5.

Mrs. C. C. Lowe, of Pasadena, Cal., was a visitor the past week.

One or two little errors crept into our notes last week. Schnyder & Co.'s new place should have read Woburn and not Waban, and Robert Cameron's superintendency of Harvard Botanic Gardens is fifteen years and not a quarter of a century as given. The latter period would make Mr. Cameron quite a middle-aged man, but his picture shows him to be quite youthful.

Plans are almost perfected for the picnic of the Gardeners' and Florists' Club at Randolph Grove on July 25. Some of the numerous attractions will be boat races on the lake, foot races for all classes, tug of war, leaping, etc. Baseball games betwen gardeners and florists, cricket, tennis and croquet will also be played. A baby show may interest some. A first-class clam bake dinner will be served. Everything points to a large attendance. No pains will be spared to make the day enjoyable for everyone.

The American Society of Landscape Architects held a convention in Boston the past week. On July 7 the parkway system was inspected and visits made to the estates of Prof. C. S. Sargent, Mrs. J. L. Gardner, Larz Anderson and Mrs. Edward Brandegee.

W. N. Craig.

BUFFALO.

Various Jottings.

Since the schools are closed and all have graduated a marked stillness has come over our business, except with sweet peas. There is a smallness and unseasonable look about our products, but there is enough to go around. Perhaps in some localities there is a good supply of herbaceous plants, giving the storekeepers their beautiful flowers. Here, and it is safe to say in many cities, there is not a quarter in variety or quantity that there might be.

This being Elks' week in our city, nothing else is thought or talked of. The whole city is decorated and the Main street florists are in the swim. Miss R. Rebstock, C. D. Zimmerman, Joseph H. Rebstock, S. A. Anderson and W. J. Palmer have purple and white in flowers and flags. It is too early in the week to say much about the fearful herd that has invaded the city. Never in our experience have our streets seen such throngs, and they have only just begun. From the electrical displays we hope the visitors will leave Buffalo believing that ours is the electrical city in fact as well as name.

Frank F. Crump, of Colorado Springs, Colo., called on us. He is an Elk, of course, and from here leaves for Europe in a few days and will be back in time for the Washington convention. Harry Balsley is also in town. Harry takes his time in Buffalo and very thoroughly does up the trade. If you don't know your wants in his line he will inspect your place and soon tell you just what you need.

A. N. Pierson gave us a call. Unfortunately we missed him.

Alexander Scott, of Baltimore, made a rather runabout journey from the southern city to Montreal to take ship for the land of his nativity. Of course, this was done to see his friends in Buffalo, but as he arrived at 8 p. m. and left at 4 a. m. next morning there was not much time for festivities.

Not in the city, but within a radius of thirty miles, there has within three weeks been nothing but incessant rain. In many parts the fields are under water. Carnations are drowned. W. J. Palmer has many thousands already benched and is lifting as fast as he can.

William Ehmann, of Corfu, has purchased the houses and property in that village known as the Webb place and lately the property of George Troup. Mr.

SPECIAL FANCY BEAUTIES

Best the Market Ever Saw in July.

IS THAT PUTTING IT STRONG? Well, the goods will back up the statement. We never saw their equal in summer—right up to winter quality in color, size of bud, stem and foliage. You will like these Beauties and **we want your order.** We have a big cut on. Mostly long stems.

We Propose to Do Business This Summer.

Fancy Kaiserins, good Rose crops, plenty of good stock in all seasonable lines. "Green Goods" that can't be beaten. Send to us for what you want and you'll get the best stock in the market.

FANCY VALLEY ALWAYS ON HAND

We close at 5 p. m. during July and August.

AMERICAN BEAUTY.	Per doz.
30-36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Chatenay	3.00 to 6.00
Kaiserin, Golden Gate	3.00 to 6.00
Liberty	4.00 to 8.00
Carnations	1.00 to 1.50
Valley	4.00
Auratums	per doz., $1.50
Easter Lilies	per doz., 1.50
Sweet Peas	.25 to .50
Feverfew	per bunch, 25c to 35c
Marguerites	.75
Shasta Daisies	.75 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax	per 1000, $1.25 .15
Adiantum	.75
Smilax	per doz., $1.50 10.00
Fancy Ferns	per 1000, $1.00 .15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **Chicago, Ill.**

Mention The Review when you write.

Ehmann is a man who will succeed where others fail. First he is an all-round gardener, endowed with a happy disposition and full of energy, industry and thrift. He could not tell you the name of the favorite in the Brooklyn futurity but he can make every foot of bench room yield a good profit. Very few can do both.

Henry Wise, of East Aurora, will spend his vacation among the Muskoka lakes. He has heard of a small lake where the trout will average fifty pounds to the cubic foot of water and the mosquitoes will go two quarts to the same amount of atmosphere.

A trip to the seashore or lake or mountain is grand, but let us hope that these natural and enjoyable trips will hinder only a few from attending our great Washington convention. Our duty is to attend the convention of the society that has done so much for our profession and can and will do much more. Be present and raise your voice or listen to those who have the gall. W. S.

CHICAGO.

The Market.

There has been little change in demand during the past week. Shipping orders continue fairly numerous, but the requirements are small. The city retailers are doing nothing beyond funeral work, helped out by a decoration for an occasional belated wedding.

Really good stock in either roses or carnations is not abundant, but there is a sufficient quantity of that which grades just under the top notch to supply a demand considerably in excess of that which is in evidence. Prices are at the summer level all along the line. During the week the Beauty cut has diminished considerably and there is a call more nearly equal to the supply than has been the case in this department for several weeks. Many teas are mildewed. Receipts of carnations have diminished rapidly, because replanting is beginning.

The first asters are due this week, but the continuous rains of the last few days have done much to injure the quality of the first blooms. Sweet peas continue far in excess of the demand and so do Shasta daisies, which have become the principal feature of most of the window decorations because of their cheapness. Peonies are gone. A few candidum lilies are still seen, but there will soon be plenty of auratums to take their place. There are large quantities of outdoor flowers, which are slow sale in the wholesale market, although the quality is generally very good. Centaurea is among the week's novelties. Water lilies are very abundant. Only a few gladioli are arriving, but there is no active demand for them. There is no limit to the supply of "green goods."

Visitors.

There have been a large number of visitors in town in the past week. Among those who are still here is H. E. Philpott, of Winnipeg. He recently sold his greenhouses and real estate to a hotel syndicate and is on "easy street." He plans a trip to Japan next year.

E. G. Gillett was up from Cincinnati last Friday to talk with the Chicago Florists' Club transportation committee about the trip to Washington. Mr. Gillett wants the Chicago party to travel by way of Cincinnati and join the Cincinnati delegation over the Baltimore & Ohio to Washington. The route of the Chicago party has not yet been determined. Other Cincinnatians who were in town were Max Rudolph and Mr. Meiers.

Wm. Edlefsen was down from Milwaukee and among other things ordered the Louis Wittbold automatic watering device to install in four of his greenhouses.

Wm. Graff was here from Columbus and insisted that some of his old friends should join him in celebrating the arrival of a son and heir a few days ago.

F. J. Foster was up from St. Louis, accompanied by his family, who were en route to Ottawa Beach. Mr. Foster called on many in the trade, but said that he would rather talk horse than business. He has four pedigreed equines in his stable and thinks of bringing one of them to our next horse show.

Thos. H. Zook, of Albia, Ia., was also doing the town.

Various Notes.

Fred Weber is sending E. C. Amling a splendid cut of Beauties. It is remarkable stock for mid-summer. Stems are long, very heavy and well clothed with fine dark green foliage. The buds are almost if not quite as large as the average mid-winter stock and the color is fine. Mr. Amling reports a very satisfactory market for a large cut.

As an evidence of appreciation of the way his teams handled the pick-ups during the strike the wholesalers have presented a handsome ring to George Hein-

SEND TO US FOR

All Your Needs

WE shall have during the summer, as always, everything to be found in any cut flower market at the season. Send us your order, no matter what you want. We have a reputation for filling orders when others fail.

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE FLORISTS

40-42-44 Randolph Street, CHICAGO.

WE HAVE 3000

White Peony Plants

such as we can recommend to be grown for cut flowers. If you want the right kind of plants write to us about these. : : :

Mention The Review when you write.

lein, the contractor who supplied the teams and men.

A French journalist who "did" Chicago a short time ago was so impressed with what he saw that he wrote a series of letters for the Tribune, and among the things which he recorded was the fact that the great Pullman Palace Car Co., at its works employing thousands of men, burns 75,000 tons of coal a year! What would have been the measure of his astonishment had he been shown that one local greenhouse plant burns just about that quantity of coal each winter?

Peter Reinberg has increased his Beauty planting about 40,000 plants for next season, making a total around 110,000.

E. E. Pieser, of Kennicott Bros. Co., says that in his opinion the season's peony crop, counting good, bad and indifferent, has averaged better than at any time in recent years.

Thomas Boulter, the Highland Park florist who was assaulted by a robber last week, died on Sunday as the result of a facture of the skull. Neighbors on the north shore are making up a purse for his widow, who has a baby born since the assault.

Bassett & Washburn will not plant carnations so early this year as in the past two or three seasons. They think early planting has been carried to an extreme and will not begin until about August 15 this year.

W. J. Smyth is at Lake Marie, where he has a summer home.

Candidum lilies, which have been grown more largely for this market than in previous years, are holding out unusually well. Randall says his crop will last at least through this week.

Louis Wittbold, of the George Wittbold Co., celebrated the Fourth with exceptional ardor this year, because of the arrival of a vigorous son the day before. This is his second. On July 9 Mike Rocklin, of E. H. Hunt's, welcomed a nine-pound boy.

George Wienhoeber, of the E. Weinhoeber Co., started July 11 on a trip to Philadelphia, New York and Boston.

Fred Nelson, of the Wittbold Buckingham place store, has been visiting at his old home in Galesburg.

ROSES A SECOND YEAR.

I have a bench of Golden Gate roses planted last October. We have let them dry out a little, cut them back to eight inches, renovated the soil and think of carrying them another year. Is it wise? The buds are now breaking nicely.

C. P. N.

While not advising the carrying over of stock, as I consider there is more work entailed and more skill required and with less certainty of success than there is in planting young stock every year, there are some expert growers who continually practice this method with good results. This enquirer has gone the right way about it and, with care in keeping off red spider, greenfly and mildew, he ought to succeed. So soon as the leaves begin to expand give plenty of ventilation and syringe twice daily during bright weather. Ribes.

GRADING OF GLASS.

I should be glad to have you tell us how glass factories grade their product, as I find that both double and single strength glass varies considerably in thickness in a lot recently bought. What is the difference between A and B glass?

H. O.

The double strength glass runs about eight to nine lights to an inch. The single runs about twelve to thirteen lights. Occasionally there are factories whose double runs as thin as ten lights to an inch, but the usual average is eight to nine lights.

Regarding grading, when the cutter at the factory cuts up the large sheet from which all glass is cut, as it comes from the flattening ovens, he simply uses his best judgment, putting the glass that is free from blisters and cords in the A grade and the poorer quality in the B grade. No glass is absolutely free from imperfections, but the A grade is supposed to be very free from large blisters or stones that might burn plants.

There is much B glass that is free from imperfections that in any way harm plants and many of the best posted greenhouse men are now using half of their glass in B quality, using the poorer lights on the north side of the houses, or where there is no possibility of their burning the plants. It is well in all cases, when glazing greenhouses, to look over the glass carefully and select the best lights for the most exposed places. It is a mistaken idea that B quality is not as heavy as the A. The only difference between A and B is that the B has more imperfections than the A.

L. E. Partridge.

POSITION OF FLOWS.

I have a house 33x120, heated by hot water. There is a coil under each bench and one on each wall, consisting in the latter case of one 2½-inch flow and two 2-inch returns. The coils under the benches each consist of one 2½-inch flow and four 2-inch returns. I would like to know if this is the best arrangement for them, or whether it would be better to have the flows overhead and divide each coil into two coils. The main flow and return run across the end of the house in the cellar. H. H. G.

If you get a satisfactory circulation with the present arrangement I should not change the plan. If this is not the case, it might be well to run a flow pipe under the ridge, of sufficient capacity (3-inch) to provide for the two coils arranged beneath the benches, leaving the side coils as they now are. Arrange the expansion tank as far above the highest point in the system as possible; ten to fifteen feet is not too much. L. C. C.

CATALOGUES RECEIVED.

Alex. Dickson & Sons, Newtownards, Ireland, new roses; Thos. Rochford & Sons, Nr. Broxbourne, Herts, England, plants; United States Nursery Co., Rich, Miss., roses, etc.; Wadley & Smythe, New York and Newport, landscape architecture; Martin Grate Co., Chicago, rocking grates; H. F. Michell Co., Philadelphia, bulbs and seeds; Theodosia B. Shepherd Co., Ventura, Cal., seeds.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

THE Fresno Nursery Co., Fresno, Cal., has been incorporated with $50,000 capital stock.

THE prospects are for good prices for peach and cherry trees for the next fall and spring seasons.

THE peony growers report a very gratifying amount of business as a result of the Chicago exhibition.

GEO. T. POWELL says that it is seldom that a perfect specimen of spruce is seen because of too close planting and poor pruning.

NURSERYMEN will be interested in a sketch and portrait of T. C. Thurlow, of West Newbury, Mass., on another page of this issue.

THE American sweet chestnut is a valuable tree, not only for its rapid growth and longevity, but for its profusion of bloom after other flowers are past.

ON a protest of C. D. Stone & Co., an importation of young stock of Carissa Carandas and Dillenia speciosa has been held free of duty as tropical fruit plants for purposes of propagation.

D. S. GRIMES, of Denver, Colo., who was widely known in the nursery trade, particularly as a shipper of seeds of Rocky mountain conifers, died June 28, aged 77 years. A portrait and sketch of his life appeared in the REVIEW of June 29.

MARIE LEMOINE.

I note the item in the REVIEW for July 6 regarding Peony Marie Lemoine. There is but one Marie Lemoine sent out by Calot in 1869, original description "enormous bloom, sulphur white, shaded with pink and chamois tints, strong stems, medium height; very late." On my soil this description hardly will fit the flower, as it is a pure white intermingled with golden stamens that produce a yellowish or sulphurish shading which is but a reflection. The center petals are edged very much like those of Festiva maxima. Couronne d'Or (Calot, 1873), and Helena (Kelway) are very much like it and I doubt if any three experts could pick out the different ones after they were cut and placed in a vase. Time of blooming, etc., are the same with me. Marie Lemoine sent out by Rosenfield, afterwards by Dreer, Harrison, Ward, Betscher, etc., is none other than Achillea, sent out by Calot in 1885 and described as "delicate flesh color, very fresh coloring." I find this rather a very delicate violet flesh and it has a small spot of greenish yellow on the tip of some petals; when left on the plants they become quite a pure white in the fully developed flower; when cut and left in an ordinary room they retain a fleshy color, fading lighter but not white.

In our list of about 1,000 sorts I find a great many that are very similar. About fifty sorts are very similar to Whittleyi; Ne Plus Ultra, fifteen sorts; Edulis superba, twelve sorts; L'Esperence, ten sorts; etc.

C. BETSCHER.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

IMPORTANT!
Baby Ramblers and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

30 ACRES HARDY Herbaceous Plants
Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES
are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
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YOU CAN PLANT AT ANY TIME
Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4 inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.
Mention The Review when you write.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

VAN DER WEIJDEN & CO.
THE NURSERIES, BOSKOOP, HOLLAND.
Wholesale Growers and Exporters of all kinds of Nursery and Florists' Stock. Hardy plants and shrubs for outdoor planting. Fine ornamental stock for landscape work. H. P. Roses, Crimson Ramblers, Climbing Plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices.
NO AGENTS. FOR THE TRADE ONLY.
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FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

PEONIES A large collection of the very finest varieties, including in the officinalis class the gem of all, Tenuifolia, or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.
Write for prices. F. A. BALLER, Bloomington, Ill.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES
Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.
LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, CHICAGO.
Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By a good grower with good references. Address No. **69**, care Florists' Review, Chicago.

SITUATION WANTED — Gardener and florist wants steady position; 22 years' experience in trade. Address No. **62**, care Florists' Review, Chicago.

SITUATION WANTED—By a good florist; single; 28 years old; 10 years' experience in the general line and carnations; state wages. Address No. **64**. care Florists' Review, Chicago.

SITUATION WANTED—Young man wants situation on private or commercial place; life experience in greenhouse work; can furnish good references; Massachusetts preferred; state full particulars in first letter. Address E. F., 24 State St., Newburyport, Mass.

SITUATION WANTED—A rose specialist who can produce the best of cut blooms of American Beauty and tea roses, wants a position as foreman or grower where extra good stock is wanted; well up on carnations and other things; not engaged at present; best of reference. Address No. **68**, care Florists' Review, Chicago.

WANTED—A young man to learn the florist trade. H. S. Baker, Warsaw, N. Y.

WANTED — Three helpers in rose houses; steady positions. J. F. Wilcox, Council Bluffs, Iowa.

WANTED—Second-hand Kroeschell hot-water heater, rated for 7,000 ft. of glass. M. A. Barick, Seymour, Ind.

WANTED — Young man desiring to get acquainted with greenhouse work. Otto Bourdy, Lowell, Mass.

WANTED—Good all-round man for general greenhouse work. Address N. C. Moore & Co., Morton Grove, Ill.

WANTED - Three good growers to work under foreman; steady work and good pay to right parties. Address G. M. Kellogg, Pleasant Hill, Mo.

WANTED — Two assistant rose growers for large commercial place; must have experience. The Gasser Company, Euclid Avenue, Cleveland, Ohio.

WANTED—To buy or rent an up-to-date florist business in a good size town. Give full particulars in first letter. Address No. **63**, care Florists' Review, Chicago.

WANTED — Good man to grow carnations, mums and miscellaneous plants; state wages with or without board. Address NO. **65**, care Florists' Review, Chicago.

WANTED—To correspond with an up-to-date saleswoman and designer in regard to taking position. Address Lidgerwood Greenhouse, 122 Post street. Spokane, Wash.

WANTED—Industrious, honest, single German florist and gardener to grow stock; 3,500 ft. glass; steady position to competent, trustworthy man. E. Erie St. Greenhouses, Albion, Mich.

WANTED—First-class man who can grow A1 roses and carnations; $65.00 per month to start; must furnish satisfactory reference. Address No. **51** care Florists' Review, Chicago.

WANTED—Capable young man for first-class retail store; must have experience in designing and decorating; steady position for right man. J. S. Simmons, 266 Yonge St., Toronto, Can.

WANTED—A young man with some knowledge of the garden and flower seed business, to open up such a line with a well established field seed business. Address No. **67**, care Florists' Review, Chicago.

WANTED—A working foreman and manager; one thoroughly competent to grow roses, mums and general cut stuff; good salary to right party. Apply with reference to Samuel Feast & Sons, 331 North Charles St., Baltimore, Md.

WANTED — Rose grower, thoroughly experienced, to take entire charge of rose section and be responsible for results; must furnish A1 references; state salary wanted. The Gasser Company, Euclid Avenue, Cleveland, Ohio.

WANTED—Business manager in every town to manage branch office and superintend force of salesmen; big money; experience unnecessary; no canvassing; can be handled with other work or business; references; particulars on application. Knight & Bostwick, Nurserymen, Newark, New York.

WANTED—About August 1, a good all-round grower and propagator of bedding plants, carnations and roses; able to handle help; state experience and wages expected, with or without board and room. Ludvig Mosbaek, Onarga, Ill.

WANTED—Good grower of roses and carnations in two small greenhouses, 14x45; must be sober, honest, industrious and single; wages, $20.00 a month with room and board; references required. Address Mrs. C. P. Worthy, 515 N. Main St., Paris, Texas.

FOR RENT—7000 feet of glass, well stocked for the trade; want to sell stock and rent greenhouses. Address No. **61**, care Florists' Review, Chicago.

FOR RENT—Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47**, care Florists' Review, Chicago.

FOR SALE OR RENT — Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—Greenhouse and land; a good opportunity for anyone wanting about 5000 feet glass; convenient; well located; city water. For particulars address Box 842, Marion, Iowa.

FOR SALE—Three greenhouses, 16x80 ft., at about the cost of the glass; in a good factory town; established trade; no competition; chance of a lifetime. Jas. R. Johnston, Dunkirk, Ind.

FOR SALE—12,000 square feet of greenhouse, built 4 years; excellent location; fine market; price $2750.00; at least $500.00 cash; a bargain; don't delay. John Pult Estate, No. Tonawanda, N. Y.

FOR SALE—Four acres, all improved, and 10,000 feet of glass; a splendid opportunity for anyone contemplating locating near the coast. For particulars address Gustave Teufel, R. F. D., No. 2, Portland, Oregon.

FOR SALE—A 9-room dwelling, 3 greenhouses with cold frames, in a university town of 6000; greenhouses well stocked; good trade; a death the cause of sale. For particulars, address L. G. Rollston, Fayetteville, Ark.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—2 boilers, 1 hot water, 1 steam; first-class condition, at a bargain; also 4-in. castiron greenhouse heating pipe, Wolff's manufacture; $9.00 per 100 feet; f. o. b. cars Morton Grove. Poehlmann Bros. Co., Morton Grove, Ill.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester. N. Y.

FOR SALE—Retail flower store in suburb of Chicago; small investment required and good profit certain for active young man or woman with a little experience in catering to first-class trade. Address No. **50**. care Florists' Review, Chicago.

FOR SALE—Or rent, in N. E. Iowa, a good florist business inside city limits of 5000; 12 acres of land; 10,000 feet of glass; heated with hot water; good 8-room house and a barn in the best of condition; a fine chance for a young florist; reason for selling, age. Address No. **59**, care Florists' Review, Chicago.

FOR SALE—At Doylestown, 2 greenhouses, 20x110, 60x24, double thick glass, steam heat, etc.; also frame dwelling, 10 rooms, steam heat, fronting on Willow Grove Turnpike; trolleys pass the place every 15 minutes; all complete for $4000.00; a bargain. Address R. G. Palmer, Willow Grove Turnpike, Doylestown, Pa.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants, sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

FOR SALE—On account of bad health I wish to dispose of my greenhouses and florist plant; 21 acres of fine land in the suburbs of Memphis, Tenn.; three houses on place, one nine-room; greenhouse 200x40; all necessary outbuildings, with large barn; three large hotbeds with sash, and smaller ones; doing a good business; will sell, lease or rent, or will give a good man with a small capital one-half interest in the business if he is an up-to-date man and understands the florist and gardening business, but must be A1 man in every respect, with good recommendations. J. Pierce, P. O. Box 154, Memphis, Tenn.

WANTED—No. 5 or larger Kroeschell boiler; state particulars. Address No. **60**, care Florists' Review, Chicago.

FOR SALE Fourteen thousand feet of glass; water heat; commercial business with considerable local sales; large brick residence. Address **Flora T. Howell, Lock Box 14, Pine Bush, Orange Co., N. Y.**

Help Wanted

A steady, sober man, married preferred, as rose propagator. A steady position to the right man. Position can be had at once. Address

NANZ & NEUNER, Louisville, Ky.

A BIG SNAP!

For sale—The entire stock of plants in five greenhouses, consisting of chrysanthemums, carnations, asters, geraniums, ferns, etc., and the lease of the place for a number of years at a ridiculously low price; will give possession at once; close to the best car line in one of the best cities in the United States; speak quick as this low price will not last long, as I have other business and cannot wait. Address No. **70**, care Florists' Review, Chicago.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 10,000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE Floral plant, near Minnehaha, containing five acres of land, platted into thirty lots; about 1200 feet frontage on two streets; 19 greenhouses with plants, flowers, etc.; two heating plants, five-room house, barn and other buildings, costing the owner upwards of $16,000; will sell at the very low price of $6,000, including one horse, one wagon, one cart and a quantity of loose four-inch iron pipe; a great opportunity for money-making; reasons for selling, old age. Apply to **GEORGE H MILLER, 330 Lumber Exchange, Minneapolis, Minn.**

GLASS! GLASS!

New double B, hand-made tank glass, boxes never opened; shipped from New York, Chicago or St. Louis. 16x24, 16x18, $2.78 per box; 12x14, $2.63, and 10x12, $2.25 per box. Also some A glass at low prices. Pipe—Sound, second-hand, used in large hotel near fair grounds; 2-inch, 6½c per foot; 1¼-inch, 4c; 1-inch, 3c; ¾-inch, 2¾c. Also valves, etc., shipped from St. Louis, Chicago or New York. Gurney boiler, sectional, 2200 sq. feet radiation, $70.00. Rider hot-air pump, $60.00. Also gasoline, $75.00. Prices Chicago. Also a lot of 3x6 hotbed sash. Address G. & F. Blanchard, 45 La Salle Street, Chicago.

NOTICE is hereby given that the partnership heretofore existing between George F. Hofmeister and Albert Theo. Lorch, under the firm name of A. T. LORCH & CO., was dissolved on the 30th day of June, 1905. All debts due said partnership are to be paid to, and those due from the same discharged by, Albert Theo. Lorch, who will continue the business of raising, growing, buying and selling flowers and plants at De Haven, Allegheny County, Pa., under the name of A. T. LORCH & CO.

GEORGE F. HOFMEISTER.
ALBERT THEO. LORCH.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review, Chicago.

WANTED

A first-class store man, for the leading retail store in a western city; prefer one who has had New York, Philadelphia or Boston experience; must be of unquestionable character and ability; salary no object; what we want is a man capable of handling our trade.

Give experience, references and where now employed in first letter which will be held strictly confidential. Address

No. 71, care Florists' Review, Chicago.

During July and August

the best stock will be the cheapest stock to buy. We can give it to you in Roses, Carnations, Lilies, etc. Extra care in selecting and packing has made our summer business large.

SPECIALS

LONG BEAUTIES, . $3.00 per doz.
SELECT ROSES, . . 5.00 per 100
CANDIDIUM LILIES, 3.00 per 100
AURATUM LILIES, . 12.50 per 100

SPECIALS

Our store closes at 5 p. m. during July and August.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

A. A. BERRY, Clarinda, Ia., will spend July and August in the mountains near Beulah, Wyo.

THE Theodosia B. Shepherd Co., Ventura, Cal., says that owing to the depredations of birds they have been compelled to give up growing cosmos for seed, one of their leading specialties for years.

AN Irish grower says that the best late white cottage garden tulip to cut for market is Didieri alba. The blooms, if cut in the bud and put up with a bit of asparagus, would pass for Niphetos roses. It is fragrant.

ST. LOUIS, MO.—The Tinsley Seed Co., at 912 North Broadway, is a seed concern just starting here. It is a branch of the Southern Seed Co., of Louisville, Ky. Mr. Grice, formerly with Schisler-Cornelli Seed Co., is manager.

WHAT is pickle seed, anyway? Will some posted vine seed grower express his views. Years ago if a gardener had asked for pickle seed some seed clerks would have passed him White Portugal onion; others might have given Martynia.

A CHICAGO crop inspector, after an extended tour, covering the marsh districts of Indiana and Ohio, as well as important onion growing sections of Illinois, reports less than two-thirds of a crop of onions standing and conditions such as to promise a worse instead of a better situation by harvest time.

"ON account of the very dry season in the Island of Guernsey," writes a correspondent of the Horticultural Trade Journal, "freesia bulbs will not run a large sample, but what they will lose in size they will gain in quality, as they are well ripened. Many millions of freesias are grown in this island and sent to the English markets. There is no better paying bulb as a catch crop whether under vines or in boxes. They will be dear to buy this season as the freesia bulb crop in France is a complete failure. Early buyers will buy the cheapest."

NOBODY has said anything about beans for some time, and yet all are seeking reliable information.

AN English seedsman is making inquiries as to the growing of Lilium Harrisii for the trade in South Africa.

JAPANESE bulbs are quoted at slightly higher prices than last year, due to increased costs for labor and war taxes.

THE wholesale seed house of the Barclay-Bessonette Co., Temple, Tex., was damaged by fire July 4 to the extent of $1,500; insured.

BERMUDA onion seed, from Teneriffe, each season meets with larger sale in the southwest. Texas gardeners will have little else in onions.

SEED of the Crystal White Wax onion is in good demand at the south. This is the stock that makes the prize white onions that come from Texas.

NEBRASKA growers report that if they can manage to keep the weeds down the sweet corn crop will stand quite a bit more of rain without spoiling.

THE wet weather of the week has brought some of the Chicago onion set growers to the anxious seat. If it keeps on raining they will reach the mourners' bench in due season.

CALIFORNIA SEED CROPS.

C. C. Morse & Co., Santa Clara, Cal., write as follows under date of July 8:

"We have to report, for the benefit of the seed trade who are interested in our crops, that we are experiencing one of the hottest periods of weather we have ever known and crops of all kinds have been seriously hurt within the past few days. Sweet peas, which a week ago promised to be one of the best crops we have ever had, now threaten to be very poor and many varieties will be short. Onion seed threatens to be even shorter than was reported a few weeks ago."

SUIT OVER CUCUMBERS.

Janesville, Wis.—Attorneys Pierce and Fisher of Janesville will try before Judge Honore of Chicago, on July 12, a damage suit in the sum of $76,000, involving the sale of 3,800 pounds of cucumber seed, from which was grown 190,000 bushels of cucumbers, which are claimed to have been not of the variety represented.

The outcome of the damage suit mentioned in the above telegram will be of interest to the seed trade. It is reported that the seed mentioned was bought from a broker in Chicago and when the deal was made neither the buyer nor seller mentioned varieties, further than that "pickle" seed was the article that was being bargained for.

IN LOUISVILLE DISTRICT.

The following letter from Wood, Stubbs & Co., Louisville, Ky., dated July 10, sets forth conditions existing in that district:

The indications are that the crop of

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

LEONARD SEED CO. CHICAGO

ONION SETS.
Our plantings for the new crop are about ready to harvest.
We take orders now for delivery this fall or next spring.
Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

onion sets here will be a little larger than last year. We have had a great deal of rain here lately and little digging has been done as yet, but on the whole the crop will be good quality, and we are anticipating low prices on the start, though sets may advance considerably later.

The market garden crops such as cabbage, potatoes, onions, etc., have sold at very low prices this year and, gardeners being in need of money, will be inclined to sell sets earlier on this account, and those who put them away for storing will hold them for good stiff prices. Hence sets we think will be sold at very much lower prices early than later in the season.

Orchard grass crop from all reports is about fifty per cent of last year's crop and growers are anticipating better prices. Comparatively little seed has been threshed as yet, owing to rain. The quality will be good, though it may be a little discolored.

A combination has been effected among a few men in Kentucky to control the price of blue grass seed this season, and present asking prices are very high. The new crop of this seed turned out not more than half what last year's crop was, but we are not expecting that the present high prices asked will be maintained during the season.

Winter turf oats have turned out fairly well, and we will have a good many cars to ship from this market. As the acreage was limited, however, there will not be near so many as in previous years.

Wheat and oats generally have made good crops, but threshing has been delayed. Corn is growing finely.

PHILADELPHIA, PA.—J. Stern, of J. Stern & Co., is now in Europe, buying a large line of florists' supplies.

WINONA, MINN.—The Winona Floral Co., composed of H. W. Rogers and R. G. Gunther, has been declared bankrupt. The liabilities are said to be $1,752.55 and the assets $812.89.

NEW ORLEANS, LA.—The New Orleans Horticultural Society made its annual trip to Grand Isle to spend Sunday, July 9. A good crowd participated and "a nice time was had by all."

JERSEY CITY, N. J.—The Greenhouse Co., 222 Kearney avenue, Jersey City, has been incorporated to build and operate greenhouses, etc.; capital, $200,000. Incorporators, Preston La Ban, Plainfield, N. J.; Wm. R. Phillips, Jersey City; Sydney A. Williams, New York.

NARCISSUS

Surplus stock. **50,000** strong, blooming bulbs. Fine for Decoration Day (grown north of Chicago). In four hardy sorts, double and single, 60c per 100; $5.00 per 1000.

F. A. BALLER, BLOOMINGTON, ILL.

Mention The Review when you write.

NARCISSUS.

Send your order now for fall delivery. The following in strong healthy bulbs for forcing:

Empress..	per 1000,	$16.50
Emperor, extra fine.....	"	12.50
Golden Spur.....	"	17.50
Double Von Sion, 1st size.....	"	8.50

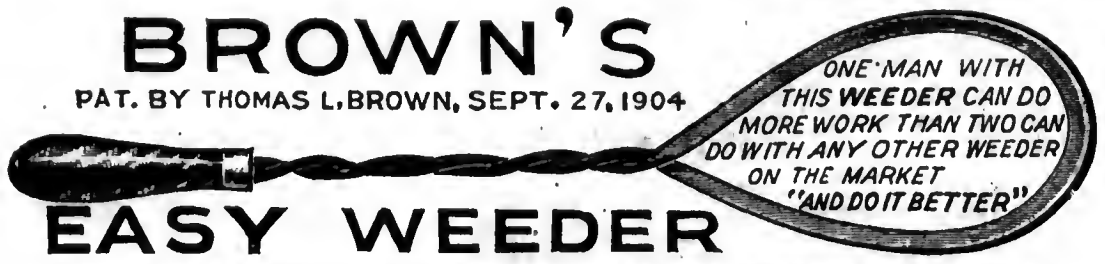
HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

BROWN'S EASY WEEDER

PAT. BY THOMAS L. BROWN, SEPT. 27, 1904



This new idea as a weeding device has made itself an immediate favorite wherever tried.

ESPECIALLY ADAPTED FOR WORKING AMONG CARNATIONS, ROSES, ETC.

Equally as valuable to the Market Gardener as it is to the Florist, and in private gardens it is bound to become a general favorite.

WILL MORE THAN PAY FOR ITSELF IN ONE DAY'S USE.

The inner edge is sharp, takes out all the weeds, makes the hard places easy to reach, and works the surface to a fine mulch.

Sold by Seedsmen Everywhere Ask for circular, giving testimonials from some of the largest growers.

PRICES, prepaid: Each, 35c; quarter dozen, $1.00; dozen, $3.00.

ALFRED J. BROWN SEED CO.

Sole Agents for the United States, Canada and Great Britain.

GRAND RAPIDS, MICH.

Mention The Review when you write.

NEW CROP SEED

Of my well-known

Christmas Sweet Peas

will be ready the first week in August next.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator

Bound Brook, formerly Grand View, **N. J.**

Mention The Review when you write.

MUSHROOM SPAWN, PURE CULTURE

Being the Eastern Distributing Agents for the American Manufacturers of Pure Culture Spawn, we can ship Fresh Spawn on short notice at the following prices: 15c per lb; $1.25 per 10 lbs.; $10.00 per 100 lbs. We have also the best make of English Virgin Mushroom Spawn, fresh importation, 8c. per lb.; 75c per 10 lbs.; $6.00 per 100 lbs.; $55.00 per 1000 lbs.

CLUCAS & BODDINGTON CO.

Telephone, 1063 Chelsea. 131 W. 23rd St., NEW YORK CITY.

Mention The Review when you write.

LILIES

Lilium Harrisii, Calla Lily, Lilium Longiflorum, Paper White Narcissus, Roman and Dutch Bulbs for summer and fall. Will quote you prices that will save you money.

D. RUSCONI, 32 W. 6th St., Cincinnati, O.

Mention The Review when you write.

RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA

at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS

in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

XXX SEEDS

CHINESE PRIMROSE

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the varieties separate, also.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large flowering, dwarf, mixed, 1000 seeds, 50c.

GIANT PANSY The best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. **Cash.** Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

FISCHER'S

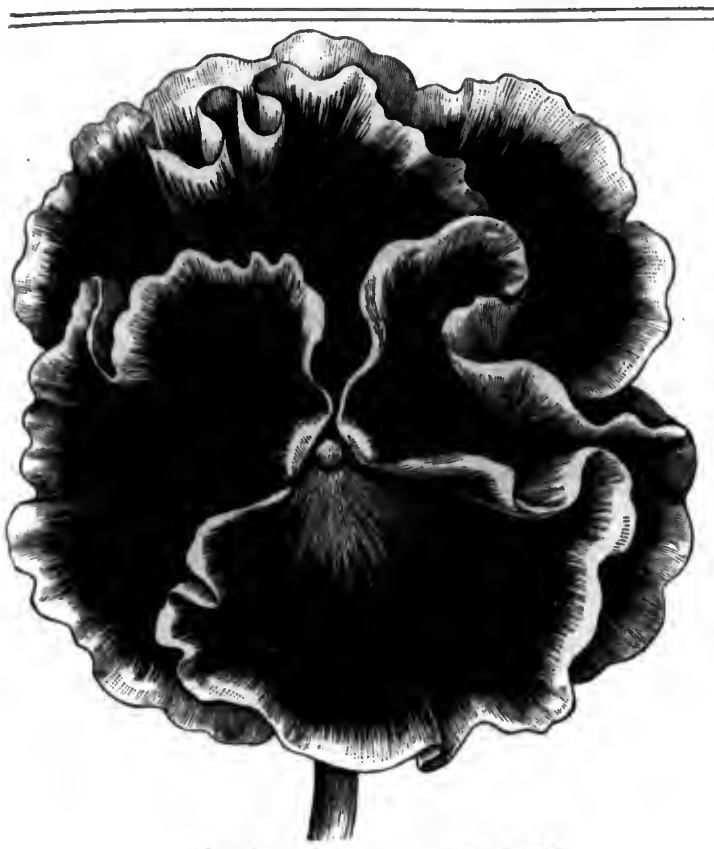
Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER

GREAT NECK, L. I., N. Y.

Mention The Review when you write.



ONE OF OUR KINGLY PANSIES.

JOHNSON & STOKES' KINGLY Collection of... Giant Pansies

Never has a strain of pansy given more general satisfaction than has our **"Kingly Collection of Giant Pansies."** It is absolutely unrivaled in range of magnificent colors, size and substance, and no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds).....30c. Trade packet (2000 seeds)....50c. 5000 seeds....$1.00. Per oz....$5.00.

	Per large Tr. Pkt. (2000 seeds)	Per Oz.
Giant Adonis, beautiful light blue	25c	$1.50
Giant Prince Bismarck, beautiful shades of brown	25c	1.50
Striped	25c	1.50
Giant Peacock, ultramarine blue, claret and white, extra	40c	3.00
Giant Emperor William, the best blue	25c	1.25
Black	25c	1.25
Giant White with dark eye	25c	1.20
Trimardeau, choice mixed	25c	1.50
Giant Fire King, fiery red and golden yellow	25c	1.50
Giant Mme. Perret (grown by Lucien Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors	40c	2.50
Giant Lord Beaconsfield, purple, white petals	25c	1.25
Giant Yellow with dark eye, fine	25c	1.50
Bugnot's Superb Blotched	40c	4.00
Cassier's Giant Five Blotched	40c	3.50
Masterpiece, a magnificent variety with curled petals and many rich colors	40c	3.50

What our customers say of the KINGLY COLLECTION PANSY:

I know you have the finest pansies, because I had them before and beat everyone in Colorado with your strain—G. FLEISHER, Pueblo, Colorado.

Our complete Pansy List mailed on request.

Write for our SPECIAL ADVANCE PRICES on Fall Bulbs.

JOHNSON & STOKES, 217-219 Market Street, **PHILADELPHIA, PA**

Mention The Review when you write.

PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively unsurpassed in size and markings. **Satisfaction guaranteed or money refunded. New crop seed** in any quantity. **Special price** for trial package (1000 seeds), **75c**; trade packet, (2000 seeds), **$1.25.**

Write for special wholesale prices on larger quantities. Send your list of Fall Bulbs for **SPECIAL QUOTATIONS.**

Holmes Seed Co. Harrisburg, Pa. **SEED**

Mention The Review when you write.

RELIABLE SEEDS!

	1000 seeds	Trade Pkt.
Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed	$1.00	$0.50
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00	1.00
	Oz.	
Myosotis Alp. Robusta Grandiflora, true	$1.00	.25
Giant Pansies, unsurpassed quality. Special Cemetery mixture	2 50	.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassiers' Giant mixture, improved	4.00	.50
Trimardeau Elite mixture	2.50	.50
Stocks, Cut and Come Again, White	2.50	.50
Stocks, new Snow White Excelsior, very extra, with enormous spikes, best greenhouse variety	5 00	.50
Mignonette Triumph, new	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J.

ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains, new crop seed of these well-known unrivaled Pansies, ready now, in trade packages at $1.00 each, either strain.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

RALPH M. WARD & CO.

Exporters and Importers

12 West Broadway, New York

Horseshoe Brand. **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand

Mention The Review when you write.

VALLEY PIPS

Best German forcing and forcing **LILACS, SPIRAEA CLUMPS,** in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. **NEW YORK**

Mention The Review when you write.

PANSIES

Odorous, large spotted Giant Pansies, (new giant-blossomed variety), glorious color display; flowers up to 3 inches in diameter; best kind for bouquets and wreaths. **1000 seeds, 25c; 10 gr., 75c; 100 gr., $6.00.**

Weigelt's Giant-Blossomed Elite Mixture

consisting of Trimardeau Giant, Cassier, Bugnot and Germania varieties, **1000 seeds, 20c; 10 gr., 50c; 100 gr., $3.50.**

FOR ONE DOLLAR

we will send 10 trial packages of our Giant-Blossomed Pansy varieties to the United States, postage prepaid. CASH WITH ORDER.

Catalogue sent free and postage prepaid on application.

WEIGELT & CO.

DEALERS in SEED SPECIALTIES

ERFURT, GERMANY

Please give us a trial order, after which you will become our regular customer.

Mention The Review when you write.

PANSY SEED

Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order.

PETER BROWN

LANCASTER, PA.

Mention The Review when you write.

NEW CROP

PANSY SEED

MICHELL'S GIANT PRIZE

Our **Giant Prize Pansies** are not to be compared with the ordinary Giant Trimardeau. The seed we offer will produce flowers of much heavier texture.

Michell's Giant Exhibition Mixed

A strain which we have secured from the leading Pansy Specialists in Germany and France, and cannot be excelled in size, texture and brilliant colors. Price per trade packet, 50c; per ⅛ oz., 75c; per oz., $5 00.

	Trade pkt.	Oz.
GIANT AZURE BLUE	40c	$2.00
GIANT BLACK BLUE	40c	2.00
GIANT HORTENSIA RED	40c	2.00
GIANT SNOW QUEEN	40c	2.00
GIANT WHITE, with Eye	40c	2.00
GIANT YELLOW, with Eye	40c	2.00

For complete list of Pansy and other seasonable seeds see our New Wholesale List. Send for a copy.

MICHELL'S OFFER

No. 10 STEEL WIRE GALVANIZED

	100	1000
2-feet long	$0.45	$ 4.08
2½ " "	.55	5.11
3 " "	.65	6.05
3½ " "	.78	7.18
4 " "	.88	8.16
4½ " "	1.00	9.20
5 " "	1.12	10.23
5½ " "	1.20	11.2
6 " "	1.30	12.25
6½ " "	1.40	13.28

No. 8 STEEL WIRE GALVANIZED

For staking American Beauty and other strong and tall growing Roses.

	100	1000
2-feet long	$0.55	$ 5.25
2½ " "	.70	6.50
3 " "	.80	7.50
3½ " "	.95	9.00
4 " "	1.10	10.00
4½ " "	1.25	11.50
5 " "	1.40	13.00
6 " "	1.60	15.50

CANE STAKES

Southern, 75c per 100; $6.00 per 1000.
Japanese, very thin, 6 feet long, 75c per 100; 500 for $3.00; $5 50 per 1000; $12 50 for 2500.

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KANSAS CITY.

The Market.

A general decline in prices, a falling off in trade and a period of quiet has been the report at nearly all the stores the past week. The best customers are leaving for their summer vacations and a corresponding degree of lassitude is found among the growers and store men. Roses are of very poor quality. Carnations in most cases are very good. Outdoor flowers are being sold in large quantities, but not much is realized for them. A number of funerals caused a slight amount of rustling and but for that there would be very little done these days.

Various Notes.

A visit to the growers shows quite a large amount of improvement and the greater part are through with planting.

The Harvey Floral Co. has suspended business, liabilities and assets not known. We are unable to state whether or not this firm will re-open.

Arthur Newell has abandoned his branch store on Walnut street, which will be occupied by a Greek florist.

We understand a new firm will open shortly in the Masonic building, on Walnut street. Plans have been drawn for a refrigerator to be placed in the window in order to care for the cut flowers.

W. H. Humfeld has his houses filled with a fine lot of chrysanthemums, which seem to be doing well and promise good returns.

A. F. Barbee is doing more building this summer. He has two new houses in course of construction. Mr. Barbee has a most up-to-date establishment for retail trade.

Al Broman, of Independence, is sending in some very good roses, considering the heat here, and also some very fine plants.

W. J. Barnes is taking his vacation, having left for St. Louis early in the week.

The Alpha Floral Co. is doing some good business in spite of the hot weather and keeps a very good supply of stock on hand.

F. A. Byrne, formerly with the Kansas City Floral Co., is making arrangements to enter business for himself. A lease has been made on a large store on a prominent street and arrangements will be made to open the first of September.

NARCISSUS.

PITTSBURG.

The cut flower business is at its worst, the weather at its hottest, and nothing doing for anyone. The wholesale houses are busy about one hour in the morning and then the salesmen could go to sleep.

Some out-of-town people are to be seen here, among them, H. T. Miller, of Salem, O.; J. N. Spanabel, E. Palestine, O.; Arthur Langhans, Wheeling, W. Va., and B. Eschner, of Philadelphia.

A very sad accident occurred last Thursday at J. B. Murdoch & Co.'s. A lad about 13 years old was killed by the elevator. As no one saw the accident, it is not known how it occurred.

The W. F. Lauch Florist Co., Big Beaver, Pa., has ben incorporated, with capital stock $10,000; directors, W. F. Lauch, William Langhorst and John P. Maile.

Hoo-Hoo.

ORANGE, N. J.

The regular monthly meeting and floral display of the New Jersey Floricultural Society was held on July 7. An informal talk upon orchids in general was given by John E. Lager, and the schedule for the annual fall flower show was adopted. In the floral exhibit Lager & Hurrell contributed cut orchid blooms in twelve varieties, while specimen plants from the following collections were shown: William Barr, Arthur Bodwell, gardener, three Cattleya Harrisoniæ, one of which had thirty flowers, and an Odontoglossum Reichenheimii with 126 flowers. Henry Graves, Edwin Thomas, gardener, Cypripediums Brownii, Ashburtoniæ, etc. The Colgates, William Read, gardener, and Stewart Hartshorn, Arthur Caparn, gardener, each a vase of Japanese irises of great size. John Crosby Brown, Peter Duff, gardener, three specimen gloxinias. Douglass Robinson, John Girven, gardener, vases of coreopsis, sweet peas and a collection of vegetables. William Runkle, D. Kindsgrab, gardener, specimen Phyllothænium Lindenii.

J. B. D.



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" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10.00
" Ordinary	2.00 to	4.00
Golden Gate	2.00 to	6.00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		2.50
" Select	1.50 to	2.00
" Ordinary	.50 to	.75
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Peonies	4.00 to	6.00
Water Lilies		2.00
Centaurea	2.00 to	3.00
Pyrethrum per bunch 10c to 12½c		
Harrisii Lilies, $1.00 to $1.50 per doz.		
Lilium Auratum .....$1 50 per doz.		
Gladioli	3 00 to	5.00

McKINNEY, TEX.—George W. Taylor is building two greenhouses, 28x75, and will use them for roses and decorative plants.

ROCKFORD, ILL.—Fred Johnstone came to Rockford last fall and leased land on which he started a greenhouse business. Now he is in trouble with his landlord, who threatens ejection, in retaliation for which Johnstone talks of a damage suit.

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"	Extra	6.00 to 8.00
"	No. 1	4.00 to 5.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25
Golden Gate		1.00 to 4.00
Liberty		2.00 to 10.00
Killarney		1.00 to 6.00
Orchids, Cattleyas		50.00 to 75.00
Carnations,	Common	.25 to .50
"	Selects	.50 to 1.00
"	Fancies	1.00 to 1.25
"	Novelties	1.00 to 2.00
Adiantum	Cuneatum	.50 to .75
"	Crowesnum	.75 to 1.25
Asparagus	Plumosus, Strings	25.00 to 50.00
Asparagus	Sprengeri, bunches	4.00 to 8.00
Lilies		3.00 to 5.00
Lily of the Valley		1.00 to 2.00
Smilax		4.00 to 8.00
Callas		3.00 to 5.00
Daisies		.25 to .50
Mignonette		.25 to .50
Sweet Peas, doz. bun'es, 10c to 25c		
Iris		1.00 to 2.00
Gladioli		.50 to 1.00

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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

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Wholesale Cut Flower Prices.

Boston, July 12.

	Per 100
Beauties, Specials	$10.00 to $20.00
" Extra	4.00 to 8.00
" Short Stems	1.00 to 2.00
Brides, Specials	2.00 to 4.00
" Seconds	.50 to 1.50
Bridesmaids, Specials	2.00 to 4.00
" Seconds	.50 to 1.00
Carnots, Kaiserins	1.00 to 5.00
Liberty	1.00 to 8.00
Hybrid Roses in variety	1.00 to 2.00
Carnations, Special	1.00 to 2.00
" Select	.50 to .75
" Ordinary	.15 to .25
Lily of the Valley	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Sweet Peas	.10 to .20
Gladioli	2.00 to 3.00

Buffalo, July 12.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 7.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	4.00 to 5.00

EL PASO, TEX.—H. A. Kezer has a neat place and recently had the pleasure of entertaining Mr. Reasoner, of Oneco, Fla., and A. H. Brown, of the Atwood Co., Manavista, Fla., who were waiting for the train to take them to Portland, Ore.

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Wholesale Cut Flower Prices.

Chicago, July 12.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	$0.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	3.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Kaiserin	3.00 to	8.00
Chatenay	3.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Candidum Lilies	2.00 to	4.00
Water Lilies		1.00
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.40 to	.60
Daisies		.50
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1000	$1.00	.15
Adiantum Cuneatum		.75
Smilax per doz.,	$1.50	

MILWAUKEE, WIS.—The local florists who were arrested for buying wire frames from those who stole them from Union cemetery, were discharged, it being shown to the court that "many of the frames had been discarded by the sexton of the cemetery on account of their age!"

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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BUY YOUR
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WIRE DESIGNS at
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Wholesale Growers and Shippers of
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51 Wabash Ave., CHICAGO.
WHOLESALE
Cut Flowers.
LARGEST GROWER IN THE WORLD.....
A Million Feet of Modern Glass.
Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 1.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
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GEORGE REINBERG
51 Wabash Ave., Chicago.
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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Flower Growers' Market,
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STANDING ORDERS SOLICITED.
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All telegraph and telephone orders given prompt attention.
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Wholesale Florist,
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19 and 21 RANDOLPH ST., CHICAGO.
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Long Distance Phone Central 879.
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New Crop BEAUTIES VALLEY, the Finest LIBERTIES and CHATENAY

The Philadelphia Wholesale Flower Market.

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Wholesale Cut Flower Prices.

St. Louis, July 12.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$4.00 to $5.00
" " No 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	2.00 to 4.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.15 to .20
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	4.00 to 5.00

Milwaukee, July 12.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Best	6.00
" " Seconds	2.00 to 4.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	2.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	1.00
" Fancies	2.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Sweet Peas	.25
Daisies	.50
Smilax	25.00
Ferns	.25

Pittsburg, July 12.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 12.00
" Shorts	2.00 to 5.00
Brides and Maids	1.00 to 5.00
Cusin	1.00 to 6.00
Liberty	3.00 to 15.00
Chatenay	4.00 to 6.00
Perle	2.00 to 4.00
Carnations	.75 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12.00 to 15.00
Sweet Peas	.15 to .20
Daisies, Yellow.	1.00

SMITH'S Chrysanthemum Manual sent by the REVIEW on receipt of 25c.

C. A. KUEHN WHOLESALE FLORIST,

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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Cut Flowers, Florists' Supplies and Wire Work of all Kinds.

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All varieties of Cut Flowers in season at right prices and of the best quality.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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WHOLESALE FLORIST,

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ST. LOUIS, MO.

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Consignments Solicited.

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YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, July 12.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Sweet Peas	.15 to .50
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, July 12.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	5.00
Sweet Peas	.40 to .50

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.



DAGGER FERNS.

A. L. FORTUNES

431 State St.

New Haven, Conn.

Wholesale dealer in

Dagger Ferns and Galax Leaves

Dagger Ferns, 75c per 1000.

Dagger Ferns, lots of 5000 and over, 60c per 1000. For 10,000 and over, 50c per 1000.

Green and Bronze Galax, $1.00 per 1000.

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PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

FRANK M. ELLIS

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Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

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TORONTO.

The Market.

Business has settled down to the ordinary summer routine. A few designs occasionally, or a few flowers for a sick friend is about all there is to the demand. As peonies are done and outdoor lilies and gladioli are not in, retail men have to fall back on roses and carnations, which are deteriorating in quality with the hot weather. All the retail men report June as being a fine month, the number of weddings and other calls for decorations making a good demand.

Various Notes.

Among our growers we find them all busy, some tearing out their benches of roses and carnations and replanting, others building new greenhouses or tearing down old ones and rebuilding. We might mention in this connection that a new firm is starting at Weston, under the style and name of Hughes & Jennings. Harry Jennings, one of the firm, is son of R. Jennings, of Brampton, and has been brought up in the business. He has been of late years with J. Gammage & Son, London, and H. Janzen, of Berlin. The firm has bought a nice piece of land at Weston and proposes to put up in the neighborhood of 10,000 feet of glass this summer to grow chrysanthemums, carnations and violets.

J. S. Simmons carried off the honors for decorated turn-outs at the annual open-air horse parade on July 1. Mr. Simmons is quite a horse fancier and takes no small degree of pride in his fine horses and rigs, which, it might be remarked, are quite worthy of it.

We understand that a new store is being opened in what is known as our downtown district, under the name of the Rosery. The College Flower Shop is being closed, the lease having expired and the manager, Mr. Lampert, late of Chicago, will be manager of the new store, which is to be run by the same firm. This store will be fitted up most elaborately and will make a bid for the best trade in Toronto.

W. J. Lawrence has sold the lease of his store at the corner of Yonge and Bloor streets, having gone out of the retail business, and will now devote his whole attention to the wholesale end.

We regret to announce that Mrs. A. E. Moore, of the store styled the People's Florist, is very ill with pneumonia.

D. J.

CAMDEN, N. J.

At a recent meeting of the creditors of L. K. Peacock, Inc., of Atco, N. J., about seventy-five per cent of the creditors, with claims amounting to $6,600, were represented. It was pointed out that a receivership was imminent and there was discussion of ways and means to tide the company over its present difficulty. It was agreed by those present that the coöperation of all creditors be asked, the plan being to extend the credits to June 1, 1906, secured by a mortgage made to a trustee selected by the creditors. A second meeting was called for July 11 at the office of T. B. Hall, 428 Market street, Camden.

Baltimore, Md.—H. J. Quick will put up a greenhouse 20x75 adjoining St. Peter's cemetery.

IF YOU DON'T KNOW WHY THE
Pine Tree Ribbons
are so successful with flower decorations, let us tell you the reason. Write today for samples.
The Pine Tree Silk Mills Company
Philadelphia
808-808-810 ARCH ST. 52-54 N. EIGHTH ST.
Mention The Review when you write.

Announcement We beg to inform our patrons and the trade in general that our Mr. J. Stern is now in Europe purchasing our fall stock. This will enable us to furnish the trade with a complete line of imported goods, as well as domestic.
J. STERN & COMPANY
See Advertisement. PHILADELPHIA, PA.
Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of **GLADIOLI** At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

ROSES, CARNATIONS, CALLAS and SMILAX.
Telegraph and Telephone messages promptly attended to at all hours.
UNITED STATES CUT FLOWER CO.
ELMIRA, N. Y.
Mention The Review when you write.

ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write.

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

Culture of Grafted Roses sent on receipt of 25c.—Florists' Review.

Houston, Tex.—W. A. Hawkins has bought out the Glenwood Floral and Nursery Co.

De Haven, Pa.—George F. Hofmeister has retired from partnership with A. T. Lorch, who will continue the business alone.

A Daily Cut from 40 to 60 Growers


ROSES, CARNATIONS, ORCHIDS, SWEET PEAS, VALLEY, GREENS, ETC.
Inside Chicago Market Quotations.
MOST COMPLETE LINE OF
FLORISTS' SUPPLIES
IN THE WEST. Catalogue free.
E. F. WINTERSON CO.
45-49 Wabash Ave, CHICAGO.
Established 1894.
Mention The Review when you write.

ASTER PLANTS
Carlson's White and Semple's Pink, 50c per 100; $2.50 per 1000.
Chinese Peppers, $2.00; Ruby King, $1.50 per 1000.
Succession Cabbage, $1.50 per 1000.
Celery, Giant Pascal, $2.00 per 1000.
Pansy plants, in bud and bloom, $4.00 per 1000.
Myosotis, 30c per 100; clumps, $1.00 per doz.
F. Griswold, Worthington, Ohio.
Mention The Review when you write.

JOSEPH HEACOCK
WYNCOTE, PA.
Grower of
Kentia Belmoreana and Kentia Forsteriana
Mention The Review when you write.

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Florists' Review
When Writing Advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

J. J. Habermehl's Sons
Bellevue-Stratford Hotel,
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Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.
1224 F Street, Northwest,
Washington, -- D. C.

Houghton & Clark
434 Boylston Street,
Boston, Mass.

HAVE YOUR
RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

Julius Baer,
138-140 E. Fourth Street,
Long Distance Phone.
Cincinnati, Ohio

The Park Floral Co.
J. A. VALENTINE. Pres. **DENVER, Colo.**

ATLANTA FLORAL CO.
41 Peachtree Street, **ATLANTA, GEORGIA**

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. **Galveston, Tex.**

FRED C. WEBER, FLORIST,
4326-28 Olive Street, **St. Louis, Mo.**
Established 1873.
Long Distance Phone Bell Lindell 676.

Your orders for
LOUISVILLE, KY.
will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST
36 W. Forsyth Street,
Jacksonville, Florida

HUGH GRAHAM CO.
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's
BUFFALO,
New York.

U. J. VIRGIN,
838 Canal Street, **NEW ORLEANS, LA.**

PORTLAND, OREGON
CLARKE BROS., 289 Morrison St.

J. J. BENEKE,
1216 Olive Street **ST. LOUIS, MO.**

S. B. Stewart,
119 No. 16th Street. **OMAHA, NEB.**

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

Alexander McConnell
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Cor. 45th St., N. W.
NEW YORK CITY
Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Telephone Calls: 340 and 341 38th Street
Cable Address: ALEXCONNELL.
WESTERN UNION CODE

David Clarke's Sons
2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144X. 104 So. Carolina Ave.

C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS Near the Waldorf-Astoria
7 E. 33rd St., New York City.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

A. Mitting states that the business at Santa Cruz, Cal., is not a branch of the California Carnation Co., Loomis, Cal., but a separate concern, owned by Mrs. A. Mitting.

Eureka, Cal.—This is a town of 11,000 inhabitants and Henry Dehm, who is one of the three engaged in the trade here, says that from a trade point of view the locality is a long way behind the times but steadily improving. There is a good future before any one prepared to push the business.

SOME CALIFORNIA LILIES.

It is surprising how little is known by the coast gardeners and nurserymen about our native lilies. We have several varieties that grow wild in many portions of California that as garden flowers are far superior to anything we can import, both regarding hardiness, freedom of bloom and adaptability to surroundings.

Most of the dealers handle only L. Harrisii, longiflorum, candidum, auratum and other Japanese and European grown bulbs which, although they may do well enough the first season, never last long enough to make a reappearance. They will not compare with our native lilies where hardiness and a long succession of beautiful and showy flowers is desired and it only needs some one to interest himself in these valuable native lilies to create a good demand for them.

The first variety I shall mention is Lilium Washingtonianum. This is a native of the Sierra Nevada mountains and grows at an elevation of from 3,000 to 6,000 feet. The flowers much resemble those of L. album and are borne on stiff stems from four to six feet high, many of the stems having as many as twenty-five flowers. This variety is very hardy and the bulbs multiply rapidly. The blooms are very sweet and keep for several weeks. The season for blooming is from June to August and a field of them in their native habitat is never to be forgotten.

The native tiger lily, Lilium pardalinum, easily comes next in point of value. These plants usually grow in clumps of several hundreds and are always found in the rich soil of stream banks or of wet, springy places. The flowers are from six to eight inches across, with orange base and scarlet tips, spotted with purple on the lower half. I have seen as many as thirty-five blossoms on a single stem, with half of them opened at one time. They are strong, hardy growers and do well in ordinary garden soil.

Lilum Humboldtii is equally as beautiful as the foregoing and is usually found in high and dry localities. I have never seen it growing in wet places and it grows in cultivation and succeeds admirably with almost no moisture. The flowers of this lily are much larger than those of the other two and show more of the yellow shades and less of the red and brown.

The Redwood lily, Lilium rubescens, I consider also one of our most charming natives. It is very fragrant and the flowers easily keep for two weeks. It resembles L. Washingtonianum somewhat, except that its flowers are fuller in form, with wider petals and shorter tube and it has a very small bulb. It sends up a shaft from five to seven feet high with a bunch of flowers at first pure white with purple dots, but afterwards taking on a metallic lustre and finally turning to a ruby purple. The favorite haunts of this lily are high and inaccessible ridges under the live oaks and redwoods.

The Coast lily, Lilium maritimum, is found very abundantly in the edges of the mountain ranges and does well when transplanted in the garden. The flowers are bell-shaped, from five to ten on a stem and of a deep blood red color spotted with purple. They do not grow as tall as the other varieties mentioned but are very showy and stay in blossom a long time.

The Alpine lily, Lilium parvum, another of the smaller growing kinds, makes a pretty garden plant. It is also in bloom at this time and its orange colored flowers make a very pleasing contrast with the other varieties.

There are several other native sorts I might mention but these I think are the best for garden planting and in this climate they certainly are more satisfactory than anything I have seen among imported bulbs. It takes them usually about three seasons to become established when they are transplanted from the woods, but when once they become well started they multiply with great rapidity and a mass of them blooming always attracts considerable attention, even here, where flowers are so plentiful, and the fact that they are native California lilies never seems to be fully realized by our flower lovers, for when told that they can be found by millions in our mountain ranges they usually seem disappointed that they are not some new creation in the flower line or have not come from some far-off tropical clime.

G.

CALLA ROT.

There seems to be a great deal of complaint from florists about the soft rot in callas. I wish to state that the disease should cause no alarm to the florist. A bulb, although half destroyed, will yet produce a perfect bloom, which dies only when the disease has affected the sprout. I would advise all who plant callas for the blooms to treat all bulbs with a solution of corrosive sublimate and plant in individual pots.

H. L. Musser.

SAN FRANCISCO.

The Market.

We are having the warmest weather we have experienced thus far this year. Carnations have held their own, but if the cool breezes for which San Francisco is famous do not soon materialize they will take a decided drop in color and substance. The wholesalers are charging from $1 to $2 per hundred for them and a few extra choice still bring a higher price. Roses are scarce, with the exception of the poorer quality of stock, which can be had at almost any price. Sweet peas are also beginning to show the results of the warm spell and are becoming shorter of stem and with poorer keeping qualities. Gladioli of all kinds

are plentiful, also most outdoor stock. Lily of the valley and Lilium longiflorum are offered in just sufficient quantities to supply the demand. Some very good cattleyas are sent from Alameda county but there has been little demand for them for several weeks. Everyone is looking for cooler weather and it has been predicted to arrive in a few days.

Various Notes.

K. Sato, of Saratoga avenue, Elmhurst, is building four more carnation houses, each 25x200 feet.

A. D. Miller is on a two weeks' visit to Portland, Tacoma and Seattle.

L. M. Barrett, for many years a grower of fine sweet peas and other hardy stock, has decided to embark in the growing of cut flowers under glass and will immediately commence the erection of two large houses on his grounds in Berkeley.

R. M. Critchlow has returned from a month's trip to Santa Rosa and Sebastopol.

Gill's Floral Depot has purchased the stock and fixtures of J. T. Shepherd, who has retired from the business.

The agitation against the Japanese growers is still being waged by the wholesalers and something definite is likely to be attempted regarding furnishing stock to the retailers who persist in handling Japanese grown stock. G.

FRESNO, CAL.

The Fresno Nursery Company has been incorporated with $50,000 capital stock fully paid up. The officers and stockholders, with the amounts of their holdings, are as follows: President, F. H. Wilson, Dinuba, $25,000; vice-president, Thos. Jacobs, Visalia, $10,000; treasurer, Morphew Jacobs, Visalia, $10,000; secretary, Charles A. Chambers, Fresno, $4,900; attorney, W. A. Conn, Fresno, $100. The company's nurseries are located at Dinuba and Visalia but the main office and salesground will be at Fresno. The purpose is to do an extensive general nursery business in both fruit and ornamental stock. ASH.

VALUES OF FUEL.

Which is the cheapest and best—gas at $1.50 per thousand cubic feet, coke at $9 a ton, or hard coal at $12 a ton?
H. A. K.

With gas at $1.50 per thousand cubic feet, coal would be worth $45 per ton, i. e., a ton of good anthracite coal at $45 would be equal to 30,000 cubic feet of gas, which is the basis of the equivalent in fuel value. There is not much difference in the heat units in the coke and coal. It will take twenty-five or thirty per cent more coke than hard coal with ordinary firing. With the coke at $9 it is the cheaper of the three fuels mentioned. L. C. C.

THE REVIEW will send its Pronouncing Dictionary on receipt of 25c.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2 00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3 00
Pansy, California Giants, mixed, ⅛ ounce, 2 00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.

You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Mention The Review when you write.

Hannah Hobart

The Pride of California

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: "When will the Hannah Hobart be for sale?" This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906. Send your orders in early because they will be filled strictly in rotation.

Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.

JOHN H. SIEVERS & CO.
1251 Chestnut Street, SAN FRANCISCO, CAL.

Mention The Review when you write.

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45.00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.
Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

CALLA BULBS

READY AUGUST 1st.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

F. O. B. Niles, California.

CALIFORNIA NURSERY CO., Niles, Cal.

Mention The Review when you write.

FREESIAS

READY FOR DELIVERY—Fine stock in any quantity, up to ⅝ inch. Grand Duchess Oxalis, pink, white and lavender. Amaryllis Johnsonii and Belladona, Chlidanthus fragrans.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Always mention the Florists' Review when writing advertisers.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Always mention the Florists' Review when writing advertisers.

CINCINNATI.

The Market.

Business the past week was fairly good, about up to the general average for this time of year. The supply of stock is still pretty heavy, but the quality is away off. Beauties come very small and pop right open, but the color is good and they hold fairly well when open. Other roses are very poor. Carnations go to waste in large quantities owing to the poor quality. Other stock is as last quoted.

Various Notes.

The newly elected board of directors of the Cincinnati Florists' Society held a meeting July 7 and elected the following officers for the ensuing year: President, Wm. Murphy; vice-president, Ben George; secretary, C. J. Ohmer; treasurer, D. Rusconi. These officers will be installed at the next regular meeting of the society, which occurs on Saturday evening.

W. K. Partridge is still cutting some first-class roses, perhaps the best to be seen in this city.

Charles Jones has been a little under the weather and is talking of spending a few days at French Lick, Ind.

Peter Weiland has sold a half interest in his business at New Castle, Ind., and Cincinnati, to Peter Olinger, of Aurora, Ill. Mr. Olinger will take charge of the wholesale house in this city October 1.

John J. Wonderlie, of St. Louis, was a recent caller.

E. G. Gillett was in Chicago July 7, talking over the plan for Chicago joining Cincinnati and St. Louis on the trip to the S. A. F. convention. No decision was reached. The Cincinnati delegation will go via the B. & O. C. J. Ohmer.

NEW CASTLE, IND.

Peter Weiland has sold a half interest in his plant to his brother-in-law, Peter Olinger, of Aurora, Ill., and the price paid is said to be a handsome one. The deal takes effect immediately and Mr. Olinger, who was here a few days ago, has gone to his home to close out his dry goods business and will remove to Cincinnati about October 1 to take charge of the wholesale end of the plant. Mr. Weiland will devote his time to the growing end.

Two new houses have been recently added to the already large plant, making twelve in all. The new ones will be used exclusively for carnations, while roses will fill the other ten. Another improvement just completed is the laying of 2,100 feet of sewer.

ROME, N. Y.

The C. B. Humphrey greenhouse property was offered for sale July 6, by the owner, the auctioneer being John Dowd, of Utica. Only one bid was received, that being from a Utican at $7,000. A Rome florist desires to put in a bid and the sale was held open till noon, July 10. The premises have a frontage of 165 feet on Chatham street and 150 feet deep, containing ten greenhouses and an eleven-room house. There is a natural gas well on the premises and the greenhouses are well stocked. On account of his health, Mr. Humphrey will locate in California, where he spent the past four winters. He has invested in real estate there.

60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

MAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

LIBERTY, SUNRISE, TESTOUT, LA FRANCE, HELEN GOULD, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, GATES, KAISERINS, 3-inch pots, $7.00 per 100.

CHRYSANTHEMUMS

Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson and other standard varieties. Price, $2.50 per 100; $20.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

ROSES! STEVIAS!

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Am. Beauties.	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John...	4.00	35.00	5.00	45.00

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Golden Gates..	$2.50	$20.00	$4.50	$40.00
Bridesmaids..	3.50	30.00	5.00	45.00
Brides.....			5.00	
Sunrise.....			5.00	

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for FINEST CUT ROSES, CARNATIONS, ETC.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO., - MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO.

Mention The Review when you write.

SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

Mention The Review when you write.

PEERLESS SULPHUR BLOWER

"A great improvement over the bellowa."
Price. $4.00 F. O. B. Chicago.

McMORRAN & CO. 15-21 N. CLINTON ST., CHICAGO, ILL.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Attention is called to the prizes offered by Treasurer Beatty, $25, $15 and $10 for the first, second and third best essays on "The Ideal Employer." These papers must be sent to the office of the secretary without signature, but with the name of the writer accompanying same for the purpose of record and should not exceed 1,500 words each. The time limit within which these papers must be filed with the secretary has been extended to July 20.

Wm. J. Stewart, Sec'y.

Charlotte, Mich.—W. E. Garman is building a new house 18x70 feet.

Norristown, Pa.—Winfield S. Harry is nursing a gashed arm, caused by a fall on glass.

La France Roses

Extra strong 4-inch pots, 2 feet high, clean and vigorous, $12.50 per 100.

Latania Borbonica

Large fine lot. To close out.
2½-inch pots in extra good condition. (Will make fine fall stuff if shifted at once.) $3.50 per 100; $30.00 per 1000.

Chrysanthemums

2½-inch pots, good stock, of the following varieties: Dr. Enguehard, Duckham, Silver Wedding, Appleton, Cantbury, Ida Barwood, and Alice Byron, $2.50 per 100.

Satisfaction guaranteed.
Cash with order, please.

"CRITCHELL'S"

Avondale, - Cincinnati, Ohio.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace

Dissemination 1906.
Early. Commercial.

$ 2.00 per doz.
12.00 per 100
100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Always mention the Florists' Review when writing advertisers.

Roses!

	Per 100	1000
Am. Beauty, 3-inch	$ 6 00	$ 50 00
Kaiserin, 3-inch	5 00	45 00
Chatenay, 3-inch	4 00	35 00
Rosalind Orr English, 2½-inch	25 00	200 00
Am. Beauty, 2½-inch	5 00	40 00
Uncle John, 2½-inch	3 00	25 00
Chatenay, 2½-inch	3 00	25 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG

51 Wabash Ave.

Telephone 2846 Central. **Chicago**

Mention The Review when you write.

BENCH PLANTS

One year old, cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3.50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00
Fine stock from 3-in. pots.		
AMERICAN BEAUTIES,	4.00	35.00
MAIDS	3.50	30.00
IVORY	3.00	25.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

CARNATIONS OUR SPECIALTY

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

Mention The Review when you write.

ROSES

For immediate removal we offer a limited number of good, clean, healthy plants at extremely low prices, as we are in need of the space they occupy.

As a leader we offer **UNCLE JOHN,** the improved Golden Gate, in 3½-inch pots, at $25.00 per 1000; 2-inch, $15.00 per 1000. This rose, both in color and shape, is far superior to the old Golden Gate.

	Per 100	Per 1000
Uncle John, 3½-inch	$3.00	$25.00
" " 2-inch	2.00	15.00
Bridesmaid, 2-inch	$2.50	$20.00
Am. Beauty, bench plants	3.50	25.00

Carnations **100,000 FIELD-GROWN.** Our plants being large we are prepared to book orders now for early shipment and shall have the following varieties to offer:

LAWSON, pink, FLAMINGO, GUARDIAN ANGEL, BOSTON MARKET, HARRY FENN, TRIUMPH, NELSON FISHER, ROOSEVELT, MRS. INE, CRUSADER, MRS. NELSON, FLORA HILL

We have had several out-of-town florists looking over our field of carnations and they not only pronounce them the furthest advanced, but also say they are the best lot of carnations they have seen this season.

We shall begin making deliveries the latter part of July, at which time our stock will be in the best possible shape to ship. Prices furnished upon application, also when writing state when stock is wanted, we guaranteeing all stock to be in **A-1 condition.**

J. A. BUDLONG 37-39 Randolph Street Chicago

Mention The Review when you write.

SURPLUS ROSE PLANTS

OWN ROOT

500 PERLE DES JARDINS, 3-inch	$ 7.00 Per 100
300 GENERAL MacARTHUR, 3-inch	8.00 " "
300 MILDRED GRANT, 3-inch	10.00 " "
100 PAPA GONTIER, 4-inch	8.00 " "

GRAFTED

400 MME. HOSTE, 3-inch	$8.00 Per 100
300 MME. CUSIN, 3-inch	8.00 " "

J. BREITMEYER'S SONS, Detroit, Mich.

SURPLUS STOCK

—OF—

Rose Plants

Grafted Brides and Maids, 4-inch pots; own roots—Brides and Maids, 4-inch pots; Perle, Chatenay, Gen. MacArthur, Cusin, all in 4-inch pots. Let us give you prices on your orders.

PITTSBURGH ROSE & CARNATION CO.

Crystal Farm, Gibsonia P. O., Pa.

Mention The Review when you write.

BRIDES AND MAIDS

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Mention The Review when you write.

Choice Roses

Bride, 3½-inch pots	$4.00
Perle, 3½-inch pots	4.00
Ivory, 3½-inch pots	4.00
Bridesmaid, 3½-inch pots	4.00

All on their own roots. Best value ever offered. Order quick. Address

JNO. A. KEPNER, P. O. Box 3, HARRISBURG, PA.

Mention The Review when you write.

ROSES

Bargain Prices while they last.

	2¼-inch Per 1000	3-inch Per 1000
BRIDES	$20.00	$30.00
BRIDESMAIDS	20.00	30.00
METEORS	20.00	30.00

The above stock is thoroughly first-class and well rooted and ready for planting.

Lake View Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

ROSES! ROSES!

KAISERINS .....in 2 and 3-inch rose pots
WOOTTONS.....in 2 and 3-inch rose pots
PERLES.....in 2-inch rose pots
LA DETROIT.....in 2 and 3-inch rose pots
As well as other varieties.

Special—UNCLE JOHN and CHATENAY. Order a 100 of each for trial.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

ROSES! ROSES! ROSES! ROSES!

Clearance Prices, Choice Plants	100	1000
Brides, Maids, Meteors, 3-in	$3.50	$35.00
Golden Gates, Hermosa, Soupert	4 00	37.50
Brides, Meteors, Hermosa, 2¼-in	2.25	20.00

Exceptional value at these low rates. Order soon. They will not stay with us long at these prices.

FIELD CARNATIONS READY. Lawson, Joost, Norway, Prosperity, Crane and Armazindy at $5.00 per 100.

W. H. GULLETT & SONS, LINCOLN, ILL.

Mention The Review when you write.



Kentia Belmoreana.

ALL BUYERS

Of Palms and Ferns should know the quality of our stock. : : :

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

MILWAUKEE.

The Market.

Business is taking on the summer dullness, although the best grades of stock are cleaned up at fair figures. There is a good supply of both roses and carnations in the market and the quality averages well for this season of the year. The market was stimulated the latter part of last week by the funeral of the chief of the fire department. His body was lying in state in the city hall rotunda, surrounded by a wealth of flowers and floral designs of all descriptions. Jas. Chacona had charge of the decorations and floral pieces. There were upward of fifty set pieces and about the same number of various bunches and baskets. Among the most notable ones were an 8-foot cross sent by the common council, a 5-foot panel by Fire Co. No. 1, a great many large broken wheels, wreaths, gates ajar sent by the different fire companies and quite a number of large emblems from clubs, lodges and civic societies of which the chief was a member. In all it was one of the finest displays of floral work ever seen here. Nearly all the florists received some share of the work.

Club Meeting.

At the regular monthly club meeting July 5 the members were treated to a surprise in the presence of some of the members of the Chicago Florists' Club. Phil Hauswirth, Ed. Winterson, August Poehlmann, Geo. Asmus and J. C. Vaughan made a flying visit and helped matters along considerably on the coming convention at Washington, as well as creating more enthusiasm on the local show in the fall. There was quite an attendance at the meeting. Incog.

Negaunee, Mich. — The Negaunee Nursery and Greenhouse Co. has had a fine display of peonies and has taken many orders for fall planting. The flowers were at their best here the first week in July.

Aurora, Ill.—The largest wedding decoration put up in this city for a long time was that for the Simpson-Welch ceremony on June 29. The Aurora Greenhouse Co. had the order and used large quantities of pink flowers, including peonies, roses and sweet peas, besides a large number of decorative plants.

Surplus Bedding Stock

Alternanthera, 2 and 2½-in., $2.00 per 100.
Alternanthera Brilliantissima, $3.00 per 100.
Verbena. 2¼-in., $2.00 per 100.
Coleus. 2¼-in., $1.75 per 100.
Vinca Variegata. 2½-in., $2.50 per 100.
German Ivy. 2¼-in., $2.00 per 100.
Mme. Salleroi, 2½-in., $2 50; 3-in., $4.00 per 100.

CHRYSANTHEMUMS

Ben Wells, Et. Bonnefond, Viviand-Morel, Millicent Richardson, Wm. Duckham, Lord Hopetoun, Silver Queen, Kimberly, Percy Plumridge, Thirkell, S T. Wright, White Bonnaffon, Col. Appleton, Mrs. Chamberlain, C. H. Diedereich, Dr. Enguehard, Major Bonnaffon, Yellow Jones, F. S. Vallis, Dalshov, Mrs. Coombs, Mrs. T. W. Pockett Marie Liger, Ivory, Boccace, Col. Rowell, C. J. Salter, White Maud Dean, Mounier, Fee du Champsaur, 2-in., $3.00 per 100.

ROSE PLANTS

750 3-in. Brides, 900 3-in. Bridesmaids, $4.50 per 100; $40.00 per 1000. **Cash or C. O. D.**

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

Mention The Review when you write.

Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.
Brides, 2½ and 3½-inch pots.
Bridesmaids, 2½ and 3½-inch pots.
Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

Mention The Review when you write.

MUMS..

FOR JULY PLANTING.

MAJ. BONNAFFON.....fine yellow
MRS. BAER .....yellow J. Jones
OMEGA.....early yellow
WM. DUCKHAM .....large pink
MRS. CHAMBERLAIN ...fine pink
BEN WELLS .....large white
PERCY PLUMRIDGE.large yellow
W. H. LINCOLN....yellow for pots
COL. APPLETON.....large yellow
MRS. PROBIN.....fine pink

Fine plants from 2½-inch pots, $2.50 per 100; $20.00 per 1000. Let us select you a 1000 from these and other varieties.

BAUR & SMITH

38th St. and Senate Ave.,

Indianapolis, - Indiana.

Mention The Review when you write.

MUMS

FINE YOUNG PLANTS

Shaw, Bailey, Jones, Ivory, Pink Ivory, Appleton, Bonnaffon, Halliday, Polly Rose, Pacific, Parr, Perrin, Robinson, etc. Out of 2½-inch pots, $2.50 per 100; $20.00 per 1000.

Cash with order.

CHAS. ZIMMER

WEST COLLINGSWOOD, N. J.

Mention The Review when you write.

Chrysanthemums

10 named Hardy Pompons. Also the following Chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific, Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, at $2.50 per 100.

MISCELLANEOUS PLANTS.

Geraniums, single and double, standard varieties named, $2 50 per 100.
Boston Ferns, 2-in., $3.00 per 100.
" " 8-in. pans, $10 00 per doz.
Piersoni, 6-in. pans, $5.00 per doz.
Flowering Begonias, named, $2 50 per 100.
Asparagus Sprengeri, 2-in., $2.50 per 100.
Asparagus Plumosus, 2-in., $2.50 per 100.
" " 3-in., $4.00 per 100.
English Ivy, 2-in., $2.00 per 100.
American Beauty, 2-in., $5.00 per 100.
Bride and Maid Roses, $2 50 per 100.

THE NATIONAL PLANT CO., Dayton, O.

Mention The Review when you write.

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3.00 per doz.; $25.00 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	10	46-50	7-8	$7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18 00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
"	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "				5.00
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, **CHICAGO.**

Mention The Review when you write.

Violets

Marie Louise, Lady Campbell, Dorsett, single,
From 2-inch pots, $2.50 per 100; $20.00 per 1000.

CARNATION PLANTS

FIELD-GROWN

Lawson	$5.00 per 100; $45.00 per 1000
Glacier	5.00 per 100; 45.00 per 1000
Estelle	5.00 per 100; 45.00 per 1000
Morning Glory	5.00 per 100; 45.00 per 1000
Enchantress	7.00 per 100; 60.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

25,000 Smilax

Strong, young plants from 2¼-inch pots, ready for planting, $1.25 per 100; $12.00 per 1000. Cash.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots, Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3.00 per 1000. Pansies, in bud and bloom, $1.00 per 100; $8.00 per 1000. Mammoth Verbenas, in bud and bloom, 2¼-in., $1.50 per 100; $12.00 per 1000; R. C. 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000; 3-in., in bud and bloom, $4.00 per 100. Ageratum Dwarf Blue, 60c per 100. Stocks, double white, $1.00 per 100; $8.00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Coleus, mixed, colors, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Mention The Review when you write.

An extra nice lot of both

Plumosus and Sprengeri

in 2, 3, 4, 5 and 6-inch pots. Let us know quantity you want and get our new list. Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus, 2-inch, $2.00 per 100
" " " 3-inch, 3.00 "
" " " 3½-inch, 4.00 "
" " " 4-inch, 5.00 "

Express prepaid at above prices. Cash, please.
10 per cent off on lots of 250 and over.

Wm. Linfoot, 317 N. Vermilion St, **Danville, Ill.**

New Creations in DAHLIAS

Surpassing all others. Faithfully and truthfully described in our new illustrated and descriptive catalogue mailed free upon request.

L. K. PEACOCK, Inc., ATCO, N. J.

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SPRENGERI

2-in., $2.50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

BEGONIA GLOIRE de LORRAINE

2-in. stock, ready for a shift, $12.00 per 100.

BEGONIA TURNFORD HALL

2-in. stock, $15.00 per 100.

JULIUS ROEHRS CO., Rutherford, N. J.

ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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5000 SMILAX!

. Extra strong, out of 2¼-inch pots, cut back three times. Send for sample. $15.00 per 1000, $2.00 per 100. 500 at 1000 rate.

THOMAS H. PATERSON,
278 Old York Road, BALTIMORE, MD.

SCARLET SAGE,

From 2-inch pots	$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2.00 "
Vinca Variegata, 2-inch pots	2.00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30.00 per 1000. Strong plants ready for immediate planting.

KAISERINS strong, 3-in., $6.00 per 100; $50.00 per 1000.

CHAS. E. MEEHAN, Slocum and Musgrove Sts., Germantown, Phila., Pa.

Mention The Review when you write.

MANCHESTER, MASS.

The North Shore Horticultural Society held a very successful rose show in the town hall on July 6, it having been postponed from June 28 on account of the lateness of the season. The general verdict was that the exhibition was the best the society has yet held.

William Swan, gardener to Mrs. R. C. Hooper, was first for twelve varieties, six varieties, twenty-five bottles assorted and Killarney and second for Mrs. John Laing. F. Brasch, gardener to Mrs. McMillan, won a leg on the J. H. Troy silver cup for best display of garden roses, also the bronze medal for best display filling one of the society's tables and second for best general display. The silver medal for display arranged for effect was captured by Thomas Vooneveld, gardener to Mrs. H. L. Higginson. Mrs. W. B. Walker, Thomas Jack, gardener, was first for best display of named varieties two blooms of each, and also for best display of tea roses, of which there was a nice showing.

Other prize winners included Miss Mark Clark, R. Newman, gardener to S. V. R. Crosby; F. W. Whitehouse, F. Minkin, gardener, and Mrs. H. C. Pierce.

There were very fine displays of sweet williams, pelargoniums, foxgloves, herbaceous flowers, Canterbury bells and other seasonable flowers, the prizes going to Miss Bartlett, Mrs. W. B. Walker, Mrs. J. E. Cabet, Mrs. R. C. Hooper, Miss A. G. Thayer, J. McGregor, gardener; W. Allen and T. Jefferson Coolidge, P. R. Sandborn, gardener. Mrs. J. M. Lane, H. Shaw, gardener, had the best display of strawberries and Philip Dexter, J. Salter, gardener, the finest collection of nymphæas and other aquatics. T. D. Hatfield officiated as judge of the whole show, comprising sixty-eight classes.

W. N. Craig.

Philadelphia, Pa.—Hitchings & Co. have the contract to build five iron-frame greenhouses at the Friends' Asylum for the Insane, to cost $14,500.

Ottumwa, Ia.—O. P. M. Criley is building a greenhouse at 123 N. Willard street and will start in business doing a general trade in plants and cut flowers.

PALMS, FERNS
and all
Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

CHAS. H. TOTTY,
Wholesale Florist
MADISON, N. J.
Mention The Review when you write.

Geraniums

Now ready. Good stocky plants from 2-in. pots.

Alph. Ricard	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Beaute Poitevine	2.00 "	La Favorite	2.00 "	Mme. Landry	2.00 "
Bertha de Presilly	4.00 "	La Pilote	2.00 "	Mar. de Castellane	3.00 "
Bruanti	2.00 "	Le Cid	2.00 "	Mar. de Montmort	2.00 "
Centaure	2.00 "	M. Jolly de Bammeville	4.00 "	Miss F. Perkins	2.00 "
E. H. Trego	5.00 "			S. A. Nutt	2.00 "
Gloire de France	2.00 "	Mme. Charlotte	2.00 "	Thos. Meehan	3.00 "

We will send 1000 (50 each) of the above varieties for $20.00.

Hardy Chrysanthemums

Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties, $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.
A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. Write us and we will tell you about trains, etc.

R. VINCENT, JR. & SON, WHITE MARSH, MARYLAND
Mention The Review when you write.

PRIMROSES

Chinese Obconica and Forbesi. $2.00 per 100. Cash or C. O. D.
CINERARIA, ready Sept., $2.00 per 100.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $2.00 per 100.
Pansy Seed, large flowering, oz., $4.00.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.
Mention The Review when you write.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son
WHITMAN, MASS.
Mention The Review when you write.

BEDDING PLANTS	Per 100
Geraniums, leading varieties, 4-in.	$8.00
Heliotrope, 3 and 4-in.	$5.00 and 7.00
Coleus, Verschaffeltii, Golden Bedder and 8 other varieties	2.00
Feverfew, 2½-in.	2.50
Verbena, 2½-in.	2.50
Lobelia, dwarf and tall, 2½-in.	2.25
Alyssum, 2-in.	2.00
Alternanthera, red and yellow	2.00
Dracaena, 3-in.	5.00
Tomato Plants	per 1000, $8.00

Cash, please.
Converse Greenhouses, Webster, Mass.
Mention The Review when you write.

Asparagus Seedlings

from flats, well grown and thrifty.
Plumosus Nanus...$10.00 per 1000 } Cash with
Sprengeri ..... 8.00 per 1000 } order prepaid.
Get our prices on large lots.
Large 3-in. Plumosus Nanus, $25 per 1000 prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.
Mention The Review when you write.

PRIMULAS

Primula Buttercup and Primula Obconica Grandiflora—White, Pink and Scarlet.

Fine plants in 2-inch pots, ready for shipping now, $3.00 per 100.

A. JABLONSKY, Wellston, ST. LOUIS, MO
Mention The Review when you write.

Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these.

10 to 12 inches high, 2 years old, 50c each.
12 to 14 inches high, 60c each.
14 to 16 inches high, 75c each.
16 to 20 inches high, $1.00 each.

Kentia Forsteriana, 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c. **Belmoreana**, 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica, imported, 4-in. pots, 25c.; 5 and 5½ in., 35c. and 40c. each.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca $1.00, $1.25, $1.50 ea.

Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, very strong, at the rate of 12c.

Asparagus Plumosus Nanus, 2-inch pots, ready for 3-inch, $5.00 per 100.

Cocos Weddelliana, 3-in., 15c. By doz. or 100.

Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each.

Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,
Importer and Wholesale Grower of
POT PLANTS.
1012 Ontario St., PHILADELPHIA, PA.

Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
2000 lbs. (ton)	$30.00		

BLOOD AND BONE

Samples and **guaranteed analysis** furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs....$2.00 200 lbs....$4.00 500 lbs....$9.00 1000 lbs....$16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

100 lbs.....$1.50 500 lbs.....$5.00 2000 lbs. (ton) $16.50

Samples and guaranteed analysis sent on request.

E. H. HUNT, 76 Wabash Avenue, CHICAGO

Mention The Review when you write.

Hydrangeas

For lawns, porches, etc., from 5 and 6-inch pots, fine lavender color, $35, $50, $75 and $100 per 100. These plants are now showing color.

ARAUCARIA EXCELSA

(Austrian Pine) a real splendid lot, $9, $12, $15, $18 and $24 per doz.

Phoenix for lawns and porches, $5 to $14 a pair.

Kentia Palms from $1.00 to $20.00 each. Single plants or several in a pot, if wanted.

No charge for packing.
Cash with order, please.

ANTON SCHULTHEIS,
P. O. Box 78. College Point, L. I., N. Y.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, July delivery, from 2½ inch pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

PLUMOSUS,

PIERSONI FERNS,
BEDDING PLANTS.

J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.
Send for Price List.

Mention The Review when you write.

MICHEL
Plant and Bulb Co.

ST. LOUIS, MO.

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S. S. SKIDELSKY,

824 North 24th St.,
PHILADELPHIA.
CORRESPONDENCE SOLICITED.

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C. R. HILLS, Grand Rapids, Mich.

La Detroit, extra fine stock, while they last, 3-in., $6.00 per 100.
Chatenay, Perle and Sunrise, 3-in., $5 00 per 100.
Smilax, nice bushy plants, fine growth, 2¼-in., $1.50 per 100; $12.50 per 1000.
Christmas Peppers, 2¼-in., $2.00 per 100; $17.50 per 1000.
Primulas, about Aug. 1, all varieties, $2 per 100.
Aster plants all sold. Order earlier next year.

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

Mention The Review when you write.

LUDVIG MOSBAEK,

ONARGA, ILL.

	Per 100, 2¼-in.
50,000 Asparagus, Plum. and Spreng., 3-in., $5.00	$2.50
8,000 Coleus, standard varieties	1.50
30,000 Smilax, 2¼-in., 1000, $15.00	2.00
5,000 Umbrella Plants, 4-in., 100, $6.00	2.50
5,000,000 Celery Plants; 1000, $1.00; trpl., 1000, $2.00.	

All other bedding and vegetable plants. Price list mailed free.

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BEGONIA VERNON

2¼-inch pots, $2.50 per 100.

	Per 100
COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3 00

CHAS. A. KNAPP, Chestnut Hill, Pa.

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CYCLAMEN, ROSES

	Per 100
2-in. Cyclamen, in 5 separate colors	$4.00
1000 2½-inch Ivory Roses	3.00

Pansy Seed for florists, extra fine imported strains, ½ oz., $2.50; 1 oz., $5.00.

D. U. Augspurger & Sons, P.O.Box 778 **Peoria, Ill.**

Mention The Review when you write.

Asparagus Sprengeri

3-year-old, 6-inch pots, bushy, $7 00 per 100.

ALYSSUM DOUBLE GIANT

2½-inch pots, bushy, $2.00 per 100.

G. W. RENARD, Avondale, Pa.

Mention The Review when you write.

CELERY PLANTS

In Any Quantity.

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

R. VINCENT, JR., & SON
White Marsh, Md.

Mention The Review when you write.

CAN still give you Scarlet Sage, Fuchsias; Begonias, Rex and Flowering Varieties; Sweet Alyssum, Santolina, Coleus, Petunias, etc., for stock. Write

Geo. A. Kuhl, Pekin, Ill.

Mention The Review when you write.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.
Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS. COLEUS and general bedding stock in large quantities.
Write for prices. Cash or reference.

L. H. FOSTER ESTATE,
45 King St., DORCHESTER, MASS.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, fine for border, large 2-in., $2.50 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Adiantum cuneatum, 4-in., very strong, 12c.
G. Aschmann, 1012 Ontario St., Phila.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
Also a grand solid green specimen, 18 good leaves, some over 7 in. wide and 51 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratum, dwarf blue, 2½-in. pots, $2.00 100. Cash with order. W. J. Chinnick, Trenton, N. J.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, white and blue, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, double giant, 2½-in., bushy, $2.00 100. G. W. Renard, Avondale, Pa.

Alyssum Little Gem, in bloom, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 2½-in. pots, $2.50 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, 10 to 12 in., 2 yrs., 50c; 12 to 14 in., 60c; 14 to 16 in., 75c; 16 to 20 in., $1.00 each. A. compacta robusta, very large, $1.25, $1.50, $1.75 each. A. excelsa glauca, $1.00, $1.25, $1.50 each.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, a real splendid lot, $9.00, $12.00, $15.00, $18.00 and $24.00 doz. Cash.
A. Schultheis, College Point, N. Y.

ASPARAGUS.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten percent off on lots of 250 and over. Cash, please.
Wm. Linfoot, N. Vermilion St., Danville, Ill.

Asparagus seedlings from flats, well grown and thrifty. Plumosus nanus, $10.00 1000; Sprengeri, $8.00 1000. Large 3-in. plumosus nanus, $25.00 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus plumosus, 2¼-in. pots, 40c per doz.; $2.50 per 100. Asparagus Sprengeri, 2½-in. pots, fine plants, 50c per doz.; $2.50 per 100. A. L. Harmon, Iola, Kan.

Asparagus Sprengeri and plumosus, 2-in., $2.50 100. Plumosus, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus plumosus nanus, fine plants, $1.25 per 100, $10.00 per 1000. Sprengeri, $1.00 per 100, $8.00 per 1000. (At least 500.) Cash.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

30,000 Asparagus plumosa and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus plumosus nanus, very large, thrifty 4-in., $9.00 per 100. Sprengeri, 2-in., $2.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus, 2-inch, bushy, $3.00 100. Sprengeri, 4-inch, bushy, $10.00 100; 2-inch, bushy, $2.00 100.
Chas. L. Stanley, Plainfield, N. J.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus nanus for planting, 3-in., $3.00 100, cash. A bargain for growing or for cutting. C. F. Baker & Son, Utica, N. Y.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus nanus, strong seedlings from flats, $1.25 per 100; $10.00 per 1000. Postpaid.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. July delivery. Cash. Baur Floral Co., Erie, Pa.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

An extra nice lot of both Sprengeri and plumosus, in from 2 to 6-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus seedlings, $1.15 per 100; $10.00 per 1000, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, extra heavy, strong enough for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

400 Asparagus plumosus nanus, 3-in., strong, $5.00 per 100, for cash.
Loeffler & Benke, Watertown, Wis.

Asparagus plumosus, one year, bench-grown plants, $5.00 100.
F. C. Schweinfurth & Co., Ridgewood, N. J.

Asparagus plumosus nanus, 2-in., ready for 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus Sprengeri, 3 yrs. old, 6-in. pots, bushy, $7.00 100. G. W. Renard, Avondale, Pa.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus. Good stock.
J. B. Braidwood, Colorado Springs, Colo.

ASTERS.

Asters, early and late, in separate colors and mixed, field-grown, $2.50 per 1000; transplanted, $3.00 per 1000. Cash. E. Fryer, Johnstown, Pa.

Asters. Carlson's White and Semple's Pink, 50c 100; $2.50 1000.
F. Griswold, Worthington, O.

BEDDING PLANTS.

Bedding plants, special prices, fine stock. Cash.

Geraniums, 4-in. pots	$6.00 100
Salvias, 2-in. pots	2.00 "
Coleus, 2-in. pots	2.00 "
Begonias, 3-in. pots	6.00 "
Gazanias, 3-in. pots	4.00 "
Lobelias, 2-in. pots	2.00 "

Isaac Fricker Est., Poughkeepsie, N. Y.

Bedding plants, all well-grown stock. Alternanthera, red, yellow, 2-in., $2.50 100. Alyssum, double sweet, 2½-in., $2.50 100. Coleus, Firecrest, Queen Victoria, 2-in., $2.50 100. Salvias, 2½-in., $2.50 100. Verbenas, assorted, 2½-in., $2.00 100. Nasturtiums, dwarf, assorted, 3-in., $3.00 100. Cannas, Burbank, Queen Charlotte, Chas. Henderson, A. Bouvier, Italia, 3½-in., $6.00 100. Geraniums, in bud and bloom, scarlet, dark red, salmon, pink, white and rose, all double, 3½-in., $6.00 100. Hydrangea Otaksa, in bloom, 5-in., 25c each. English ivy, 3 ft., 3½-in. pots, $8.00 100; 6 ft. and over, extra strong, $25.00 100. Honeysuckle, Japan Golden, monthly, fragrant, 4-in. pots, $8.00 100.
John M. Cook, Glenville Nurseries, White Plains Road, Tarrytown, N. Y.

LOOK AT THESE BARGAINS.
3000 geraniums, in bud and bloom, 3½-in. pots; 500 fuchsias, out of 3½-in. pots, $3.50 100.
1000 Echeveria secunda glauca, 3000 Asparagus Sprengeri, 2½-in. pots; 250 celosia, dwarf, 2½-in. pots, $2.50 100.
5000 alternantheras, red and yellow; 1000 verbenas, assorted colors; 1000 Mme. Salleroi geraniums, 2-in.; 1000 Salvia Bedman, 2-in., $1.00 100. Cash.
Roy Houston, Somerville, N. J.

Geraniums in 3½-in. pots, in bloom: Le Soleil (like Nutt), single Grant, double and single white, Poitevine and double pink; also cannas and fuchsias, $4.00 per 100.
W. G. Kroeber, 355 North St., New Bedford, Mass.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

Surplus bedding stock. See display adv. for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

We have a full line of good stock.
J. B. Braidwood, Colorado Springs, Colo.

BEGONIAS.

Begonia Gloire de Lorraine, 2-in., strong plants for 4-in., $15.00 100; 3-in., strong, cut back twice, ready for 5-in., $25.00 100. Turnford Hall, very strong, 4-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in. stock, ready for a shift, $12.00 100. Begonia Turnford Hall, 2-in., $15.00 100.
Julius Roehrs Co., Rutherford, N. J.

Begonias, 16 choice varieties, 2¼-in. pots, 40c per doz.; $2.50 per 100.
A. L. Harmon, Iola, Kan.

Flowering begonias, named, $2.50 100.
National Plant Co., Dayton, O.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2¼-in., $2.00 100; $17.50 1000. C. R. Hills, Grand Rapids, Mich.

BULBS.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½ in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

SPECIAL OFFER,
GLADIOLUS BULBS
IN SPLENDID CONDITION,
75c per 100; $5.00 per 1000.
Composed of Groff's hybrids, pink shades; Brenchleyensis, white and light shades; and our famous Floracroft strain. Only 10,000 to offer; write at once if you want them.
JOHNSON & STOKES,
217-219 MARKET ST.,
PHILADELPHIA, PA.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.
R. Fischer, Great Neck, L. I., N. Y.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Freesias, ready now. Fine stock in any quantity up to ½-in. Grand Duchess oxalis—pink, white and lavender; Amaryllis Johnsonii and Belladonna, and Chilidanthus fragrans.
Rees & Compere, Long Beach, Cal.

Narcissi, strong healthy bulbs for forcing. Per 1000: Empress, $16.50; Emperor, extra fine, $12.50; Golden Spur, $17.50; Dbl. Von Sion, 1st size, $8.50.
N. Le Page, Mt. Vernon, N. Y.

Calla bulbs, 1 to 1½-in., $4.00 100, $30.00 1000; 1½ to 2-in., $5.00 100, $40.00 1000; 2 to 2½-in., $6.00 100, $50.00 1000. Ready Aug. 1.
California Nursery Co., Niles, Cal.

Virginia-grown narcissus bulbs, P. ornatus, $4.00 1000; Princeps, $5.00 1000; Emperor, $14.00 1000. Special prices on large quantities.
Poat Bros., Ettrick, Va.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Narcissus. Surplus stock, strong, blooming bulbs, fine for Decoration day, in 4 hardy sorts, double and single, 60c 100; $5.00 1000.
F. A. Baller, Bloomington, Ill.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Mail us your bulb requirements and avail yourself of our special prices.
Johnson & Stokes, 217-219 Market St., Phila.

Dutch bulbs. Special quotations on receipt of quantities required.
Franken Bros., Lake Forest, Ill.

Send us your list of fall bulbs; we will quote you special prices.
Holmes Seed Co., Harrisburg, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CANNAS.

CANNAS. Several hundred fine plants of Parthenope, Burbank, and Alemannia; large plants from 4-in. pots, $5.00 per 100. Alemannia and Burbank, large plants from sand, $2.00 per 100. Other varieties in smaller quantities. Morton's Evergreen Lodge, Clarksville, Tenn.

CARNATIONS.

Strong, clean, healthy field-grown carnation plants now ready.

	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
Harlowarden	5.00	45.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants now ready, 1000 The Queen, 1st size, $6.00 100; 2d size, $5.00 100. 600 White Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Red Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Tiger, best fancy, 1st size, $6.00 100; 2d size, $5.00 100. Samples free by express. Cash.
Henry Eichholz, Waynesboro, Pa.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Carnations, 100,000 field-grown plants. We are prepared to book orders now for early shipment. See display adv. for varieties. We guarantee all stock to be in A1 condition.
J. A. Budlong, 37-39 Randolph St., Chicago.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$5.00	$45	Glacier	$5.00	$45
Estelle	5.00	45	Morn'g Glory	5.00	45
Enchantress	7.00	60			

Eli Cross, Grand Rapids, Mich.

Queen and Fair Maid, field-grown carnation plants, good stock for fall delivery. Write for prices. H. S. Courtney, Sparkill, N. Y.

150,000 field-grown carnation plants. We are now booking orders for same. Let us quote prices on your wants.
S. J. Reuter, Westerly, R. I.

Field-grown plants of Lawson, Joost, Norway, Prosperity, Crane and Armazindy, $5.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Carnations, field-grown. New and standard varieties. Write for prices.
A. C. Canfield, Springfield, Ill.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., La Fayette, Ind.

CENTAUREAS.

Centaurea, dusty miller, extra fine, 3-in., $2.50 100; a bargain; cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Centaurea dusty miller, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.
We have plants from 2-inch pots, of the following varieties, all good stock and ready to ship at once:

Pink.	100	White.	100
Duckham	$3.00	Kalb	$2.00
Pacific	2.00	Robinson	2.00
M. Newell	2.00	Wanamaker	2.00
Cobbold	3.00	White Bonnaffon.	2.00
Murdock	2.00	Merry Xmas	2.00
Enguehard	2.00	White Mayflower.	2.00
Balfour	2.00	Red.	
Yellow.		Oakland	2.50
Monrovia	2.00	Black Hawk	2.50
Appleton	2.00		
Golden Beauty	2.00		
October Sunshine.	2.00		
Yellow Mayflower	2.00		

Write for 1000 rates.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums. We have to offer fine thrifty plants from 2¼-in. pots:

160	Vivland-Morel	25	Blackhawk
250	Weeks	40	Pennsylvania
25	H. Bloodgood	190	Modesto
100	Kalb	180	Bergmann
300	Percy Plumridge	150	M. Wanamaker
50	Adrian	650	Polly Rose
250	Glory Pacific	125	Niveus.

$2.00 per 100.

250	Pink Maud Dean	250	White Maud Dean
125	The Queen	450	Alice Byron
235	W. J. Bryan	300	Wm. Duckham
200	M. Bailey	100	Marie Liger
90	Golden Wedding	185	Nellie Pockett
50	F. S. Vallis	45	Lord Salisbury
195	Thirkell	65	Chadwick
165	J. A. Balfour	50	Golden Chadwick

$2.50 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Chrysanthemums, nice, thrifty stock.
White—Polly Rose, Ivory, Pullman, Mrs. H. Weeks, Eaton.
Pink—Opah, Pacific, J. K. Shaw, P. Ivory, Minnie Bailey, Coombes, Liger.
Yellow—Monrovia, Halliday, Mrs. O. P. Bassett, Appleton, Nagoya, G. Wedding, Mrs. E. D. Smith.
Rooted cuttings, $1.50 per 100; 2½-in., $2.50. Dr. Enguehard, Duckham, Neville, Uncle John, Mrs. Nathan Smith, $4.00 100.
H. Piggott, 2311 Pearl St., Cleveland, O.

Chrysanthemums, for July planting.

Mrs. Baer	Percy Plumridge
Omega	W. H. Lincoln
Wm. Duckham	Col. Appleton
Mrs. Chamberlain	Mrs. Probin
Ben Wells	Major Bonnaffon

Fine plants, 2½-in., $2.50 100; $20.00 1000.
Baur & Smith, Indianapolis, Ind.

Surplus chrysanthemums, Merry Christmas, Wm. Duckham, Dr. Enguehard, Sinclair, Bonnaffon, Ivory, Pink Ivory, Maud Dean, Alice Byron, Philadelphia, J. Jones, Glory of Pacific, Polly Rose, Pink Jones. Out of pots, $3.00 100 if a number of varieties are taken.
H. W. Field, Northampton, Mass.

Hardy pompons, 10 named varieties, also the following chrysanthemums: Helen Bloodgood, Col. D. Appleton, Edgar Sanders, J. G. Whilldin, Mrs. Chamberlain, O. P. Bassett, Glory of Pacific Mrs. Perrin, Estelle, Major Bonnaffon, Dr. Enguehard, $2.50 100. Cash.
National Plant Co., Dayton, O.

Chrysanthemums. 40,000 rooted cuttings, $9.00 per 1000, in the following good kinds: Ivory, Bonnaffon, Maud Dean, Appleton, P. Rose and others; also plants from pots at $2.00 per 100; 300 for $5.00, our selection. We guarantee to please you or refund money.
Coolidge Bros., South Sudbury, Mass.

Surplus chrysanthemums, mostly plants from soil. 300 Robert Halliday, 200 Appleton, 250 Alice Byron, 350 Pacific, 400 Bonnaffon, 250 White Bonnaffon, 150 Whilldin, 350 Ivory, 300 Minnie Bailey, 1000 Mrs. Kalb, $2.00 100; $15.00 1000.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemums for sale or exchange, from 2½-inch pots and from trays, with two to three shoots. Polly Rose, Glory of Pacific, Bonnaffon, $2.00 100. Want 300 White Ivory, 500 Timothy Eaton, 200 Queen and 200 Mrs. Jerome Jones. A. E. Fancher, Binghamton, N. Y.

Chrysanthemums, fine young plants of Ivory, Bailey, Shaw, Jones, Pink Ivory, Appleton, Bonnaffon, Halliday, Polly Rose, Pacific, Parr, Perrin, Robinson, etc., out of 2½-in. $2.50 100, $20.00 1000. Cash with order.
Chas. Zimmer, West Collingswood, N. J.

Chrysanthemums, young plants, 2½-in. pots, Mrs. J. Jones, Mrs. Perrin, White and Pink Ivory, Mrs. Robinson, White Bonnaffon, Mayflower, $2.50 per 100; Golden Wedding, $3.00 per 100.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Chrysanthemums from flats. Nice stock of Wm. Duckham, Dr. Enguehard, $2.50 per 100. Alice Byron, Robt. Halliday, Tim Eaton, Yellow Eaton, $2.00 per 100. Cash, please, or C. O. D. A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemums, 2½-in. pots, good stock, of the following varieties: Dr. Enguehard, Duckham, Silver Wedding, Appleton, Cantbury, Ida Barwood and Alice Byron, $2.50 100. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Chrysanthemums Polly Rose, Ivory, White Jones, Pacific, Estelle, Halliday, $1.00 per 100. Nellie Pockett, Marie Liger, Alice Byron, Marion Newell, $1.50 per 100. Cash with order.
E. Fryer, Johnstown, Pa.

Last call for mums. Wm. Duckham, 2c; F. A. Cobbold, 3c; Enguehard, 3c; fine, strong plants to clean up; also a few hundred different varieties. Cash with order.
Gunnar Teilmann, Marion, Ind.

Chrysanthemums, fine, strong plants of Chadwick, Golden Chadwick, Robinson, Bonnaffon, Morel, Intensity, Maud Dean, Shrimpton and Monrovia, $2.00 100.
Hoyt Bros., 807 Riverside Ave., Spokane, Wash.

Chrysanthemums. EASIGOLD, sterling new early mum for next season, strong plants from soil, $1.00 doz.; $6.00 100. Extra Bonnaffon, from soil, $2.00 100. Fletcher, Auburndale, Mass.

Chrysanthemums. Timothy Eaton, Ivory, W. H. Lincoln, Wm. Simpson and other standard varieties, $2.50 100; $20.00 1000.
J. L. Dillon, Bloomsburg, Pa.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

CINERARIAS.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
W. H. Salter, Rochester, N. Y.

COBAEAS.

Cobaea scandens, 4-in., large, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

COLEUS.

Coleus Verschaffeltii. Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Coleus, 2-in., $1.50 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Coleus, mixed colors, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

CUPHEAS.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Cupheas, fine, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. Twice transplanted, $3.00 100, $25.00 1000; 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.
C. Winterich, Defiance, O.

CYCLAMEN—Continued.

Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, from bench, 12 inches and up, $11.00 per 1000, prepaid. Cash.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 5-in. pots, 20c each; 2-in., $2.00 per 100.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Dracaena indivisa, 3-in., $5.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Dracaena indivisa, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

FERNS.

FERNS OUR SPECIALTY.
We have over a half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Doodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.
Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.
CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

Ferns from flats, ready now. Aspidium tensimense, in all sorts; all kinds of pteris known, cyrtomiums, onecidiums, etc. Strong plants, $1.50 per 100; $12.00 per 1000. From 2¼-in. pots, $3.00 per 100; $25.00 per 1000. 250 at 10.00 rate. Send for list of ferns.
H. H. Berger & Co., 47 Barclay St., New York.

20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
R. G. Hanford, Norwalk, Conn.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Boston ferns, fine stock from bench, ready for 5-in., $3.00 doz.; $25.00 100. From 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash. H. Weston, Hempstead, N. Y.

Boston and Piersoni ferns, 8-in., nice and full, $18.00 doz.; 10-in., $30.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

Boston ferns, 2-in., $3.00 100; 8-in., $10.00 doz. Piersoni, 6-in., $5.00 doz.
National Plant Co., Dayton, O.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

Piersoni ferns in all sizes.
J. B. Braidwood, Colorado Springs, Colo.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

FORGET-ME-NOTS.

Myosotis, 30c 100; clumps, $1.00 doz.
F. Griswold, Worthington, O.

GARDENIAS.

Gardenia Veitchii, true variety, strong busy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

GENISTAS.

Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
The Conard & Jones Co., West Grove, Pa.

GERANIUMS.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Vlaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100.
Chas. Gay, Des Moines, Iowa.

Geraniums. A score of the very best new varieties. See classified adv. Apr. 13. A lot 2-in., $4.00 per 100. Every plant labeled. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, single and double, standard varieties, named, $2.50 100.
National Plant Co., Dayton, O.

Geraniums, 700 strong 3-in., S. A. Nutt, $3.50 per 100, to close.
The Stover Floral Co., Grandville, Mich.

Geraniums, good 4-inch stock, $6.00 100; 2½-inch, $2.00 100.
Geo. Bishoff, Ann Arbor, Mich.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GLADIOLI.

Clearance sale of prize gladioli at 33 1/3 per cent below regular rates.	100	1000
JOHNSON & STOKES' Special Mixture that means quality at a popular price	$0.65	$ 5.50
Floracroft Prize Mixture, 1st	1.00	8.50
Floracroft Prize Mixture, 2d	.75	6.50
Groff's new hybrids	1.40	11.00
Pink shades	1.00	9.00
Brenchleyensis, scarlet	1.25	10.00
Striped and variegated, mixed	2.00	18.00
White and light shades	1.40	12.00

250 bulbs at 1000 rate.
Johnson & Stokes, 217-219 Market St., Phila.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

HARDY PLANTS.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Golden Glow, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

Hydrangeas for lawns, porches, etc., 5 and 6-in. pots, fine lavender color, $35.00, $50.00, $75.00 and $100.00 100. Plants now showing color. Cash. A. Schultheis, College Point, N. Y.

IVY.

Ivy. I want variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to
O. H. Dickenson, 27 Lyman St., Springfield, Mass.

English ivy, 4-in. pots, 2 plants in pot, $8.00 per 100. English ivy, var., 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

German ivy, 2¼-in. pots, $3.00 100; 3½-in., $6.00 100. S. S. Peckham, New Bedford, Mass.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, O.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Cold storage lily of the valley, large, strong, selected pips in boxes of 2500. For price, address
Wm. Hagemann & Co., 55 Dey St., New York.

Get our prices on cold storage valley. We can ship every day in the year.
Clucas & Boddington Co., 131 West 23rd St., New York.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

Lily of the valley. Write
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Dwarf blue lobelias, rooted cuttings, $1.00 100, $8.00 1000; 3-in., in bud and bloom, $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
J. B. Keller Sons, Rochester, N. Y.

Lobelia Cryatal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MOONVINES.

Moonvines, 1000 extra large, 4½-in., white, all nicely staked up, 8c each; $7.00 100. Cash with order.
Honaker, The Florist, Lexington, Ky.

Moonvines, white, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
James D. Hooper, Richmond, Va.

MUSHROOM SPAWN.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

Frequent importations best English mushroom spawn; always fresh and lively.
J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

PALMS, ETC.

Palms. LATANIA BORBONICA, 3-in., $5.00; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 100; 7-in. and 8-in., $1.00 and $1.50 each; large plants, from $2.50 up. KENTIA FORSTERIANA and BELMOREANA, from 2½-in., $7.00; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00 100. 6-in. pots, $15.00 doz.; from 7-in. and upward, $1.75 to $35.00 each. Areca lutescens, 4-in., $20.00; 5-in., $50.00 100; 6-in., $1.00 each. Larger plants, from $1.50 up. They are in fine condition.
John Bader, Troy Hill, Allegheny City, Pa.

Latania borbonica for 12-in. pots, 7 to 8 character leaves, $10.00 doz. Boston ferns from lath-house, for 4-in. pots, $6.00 per 100; for 6-in. pots, $15.00 per 100. Piersoni ferns from benches, for 4-in. pots, $10.00 per 100; for 6-in. pots, $35.00 per 100. Kentia Belmoreana, surplus stock, 2-in. pots, extra strong, $35.00 per 1000. Washingtonia robusta and Phoenix canariensis of all sizes. Samples on application. Satisfaction guaranteed.
Exotic Nursery, Santa Barbara, Cal.

Pandanus Veitchii, fine specimens, nicely variegated, 34 to 36 in. high, from top of soil, $30.00 doz.; 6-in. pots, $1.00 each, $12.00 doz.; 5-in., 85c each, $10.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

Cocos Weddelliana, 3-in., 15c; Areca lutescens, made up, 5½-in., very fine, 40 to 50c each. Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Phoenix, for lawns and porches, $5.00 to $14.00 pair. Kentias, from $1.00 to $20.00 each. Single plants or several in a pot, if wanted. Cash. A. Schultheis, College Point, N. Y.

Latania borbonica, large, fine lot, to close out, 2½-in., in extra good condition, $3.50 100; $30.00 1000. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

Pansies from field, in bud and bloom, 85c per 100. Otto Bourdy, Lowell, Mass.

Pansy plants, in bud and bloom, $4.00 1000.
F. Griswold, Worthington, O.

PETUNIAS.

Petunias, double, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

PEONIES.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate and other varieties, write.
GILBERT H. WILD, Sarcoxie, Mo.

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000.
John Ziegenthaler, 1865 Bocklus St., Philadelphia, Pa.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
Thos. Salveson, Petersburg, Ill.

Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
C. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias for July and August delivery, 2½-inch, $5.00 100; $40.00 1000.
BENTZEN FLORAL CO., St. Louis, Mo.

PRIMULAS.

Primula Buttercup and P. obconica grandiflora, white, pink and scarlet, fine plants, 2-in., ready now, $3.00 100.
A. Jablonsky, Wellston, Mo.

Forbesi seedlings, 75c. Obconica grandi. fimbriata, $1.00 per 100, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Primroses. Chinese obconica and Forbesi, July 10, $2.00 100. Cash
Jos. H. Cunningham, Delaware, O.

Primula obconica, 2½-in., $2.00 per 100. Ready now.
John Dieckmann & Co., Wheeling, W. Va.

Primroses. Sinensis, finest mixed, 2-in., $2.00 100. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

Surplus rose plants. Own root, 3-in., Perle des Jardins, $7.00; Gen. MacArthur, $8.00; Mildred Grant, $10.00; Papa Gontier, 4-in., $8.00 100.
Grafted, 3-in., Mme. Hoste, Mme. Cusin, $8.00 100. J. Breitmeyer's Sons, Detroit, Mich.

For immediate removal we offer a limited number of good, clean, healthy rose plants at extremely low prices, as we need the space they occupy.

	100	1000
Uncle John, 3½-inch	$3.00	$25.00
Uncle John, 2-inch	2.00	15.00
Bridesmaid, 2-inch	2.50	20.00
American Beauty, bench plants	3.50	25.00

J. A. BUDLONG, 37 Randolph St., Chicago.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Rose plants, 2½-inch pots.

	100	1000		100	1000
English	$25.00	$200	Uncle John	$3.00	$25
Beauty	5.00	40	Chatenay	3.00	25

Rose plants, 3-inch pots.

Beauty	$6.00	$50	Kaiserin	5.00	$45
Chatenay	4.00	35			

Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
Peter Reinberg, 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

ROSES.	100 2½-in.	1000 2½-in.	100 3½-in.	1000 3½-in.
Beauties	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gate	2.50	20.00	4.50	40.00
Maids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Grafted roses, fine stock, ready for benching. Bride, Bridesmaid, Golden Gate, 3½ and 4-in. pots, $12.00 per 100, $100.00 per 1000. Liberty, 4-in. pots, $15.00 per 100.
Fine own root stock. Bride, Bridesmaid, Golden Gate, Ivory, 3-in. pots, $3.50 per 100; 4-in. stock, $5.50 per 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Liberty, Sunrise, Testout, La France, Helen Gould, 3-in. pots, $9.00 100. Bride, Perle, Maid, Gate, Kaiserin, 3-in. pots, $7.00 100. J. L. Dillon, Bloomsburg, Pa.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Roses, fine stock from 3-in. Beauty, $4.00 100, $35.00 1000; Maid, $3.50 100, $30.00 1000; Ivory, $3.00 100, $25.00 1000.
Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Surplus stock of rose plants. Grafted—Bride, Maid. Own root—Bride, Maid, Perle, Chatenay, Gen. MacArthur, Cusin. All in 4-in. pots. Let us give you prices on your orders.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

Roses in fine condition for planting. Bride, Maid and Meteor, 2¼-in., $20.00 1000. American Beauties, 3-in., very fine, $70.00 1000. Bride, 3-in., $30.00 1000. 250 at 1000 rate. Or will exchange part for 2-in. smilax.
Lakeview Rose Gardens, Jamestown, N. Y.

Surplus rose plants. Brides, Bridesmaids and Meteors, 2¼-in., $22.50 1000; 3-in., $30.00 1000. Cuttings were made from carefully selected wood and the plants are well worth the price. L. B. Coddington, Murray Hill, N. J.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

BARGAIN PRICES on roses. Brides, Bridesmaids, Meteors, 2¼-in., $20.00 per 1000; 3-in., $30.00 per 1000. Thoroughly first-class stock, well-rooted, and ready for planting.
Lake View Rose Gardens, Jamestown, N. Y.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid, strong, healthy, 3-in. stock, $4.00 100; $35.00 1000. Write for sample and be your own judge of value.
Geo. E. Campbell, Flourtown, Pa.

Roses. La Detroit, 3-in., extra fine stock, while they last, $6.00 100. Chatenay, Perle and Sunrise, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Choice roses. Bride, Perle, Ivory, Bridesmaid, 3½-in., $4.00 100. All on own roots and are the best value ever offered.
John A. Kepner, Box 3, Harrisburg, Pa.

Roses, all from 3-in. pots, good stock. Beauties, $5.00 per 100. Bride, Meteor, Gate, Sunrise, $3.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Roses. A limited number of the following: Beauties, 3-in., $8.00 100; Liberties and Ideal, 3-in., $7.00 100.
J. Welsh Young, Germantown, Pa.

1,500 Golden Gate, 3½-in., $4.00 100. 1,000 American Beauty, 3½-in., $5.00 100. Extra good and clean.
Worcester Conservatories, Worcester, Mass.

Roses. Bride, Maid, Golden Gate, Chatenay, Meteor and Liberty, 3-in., $4.00 per 100; 4-in., $6.00 per 100.
Warrendale Floral Co., St. Paul, Minn.

Kaiserins, strong 3-in., $6.00 100; $50.00 1000.
C. E. Meehan, Slocum and Musgrove Sts., Philadelphia, Pa.

Brides and Maids, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Golden Gate, Ivory, Mme. Hoste, Bride and Bridesmaid roses, from 3½ and 4-in., fine plants, $5.00 per 100. Smith & Gannett, Geneva, N. Y.

3000 Brides and Maids in 3-in. pots, $30.00 per 1000. Or will exchange for chrysanthemums. W. E. Fowler & Co., Edgemoor, Del.

La France roses, extra strong, 4-in. pots, 2 feet high, clean and vigorous, $12.50 100. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Roses. I have a surplus stock of 300 Brides, and 100 Maids, both in 4-in., at $3.00 per 100.
W. C. Rockwell, Bradford, Pa.

Fine Bridesmaid roses, from 4-in. pots, $3.50 and $4.00 per 100. Cash with order.
Jas. Horan & Son, Bridgeport, Conn.

Grafted Brides and Maids, fine plants from 3½-in. and 4-in. pots, $15.00 per 100.
A. C. Canfield, Springfield, Ill.

Roses. 750 Brides and 900 Bridesmaids, 3-in., $4.50 100; $40.00 1000. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

340 Ivorys, 4-in., 5c each; 250 Ivorys, 2½-in., 3c each. Fine, thrifty stock.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Bride and Maid roses, $2.50 100; American Beauty, 2-in., $5.00 100.
National Plant Co., Dayton, O.

1200 Meteor roses in 2½-in. pots, strong plants, $25.00 for lot.
Washington Floral Co., Washington, Pa.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Baby Rambler, true, now in 3-in., $15.00 100
Leedle Co., Expert Rose Growers, Springfield, O.

Roses, all the best varieties in 2 and 5-inch rose pots. Write Geo. A. Kuhl, Pekin, Ill.

5000 Kaiserin, good healthy rose plants, $18.00 per 1000. C. & G. L. Pennock, Lansdowne, Pa.

500 Meteor plants, 3-in., thrifty and clean, $2.50 per 100. Krueger Bros., Toledo, Ohio.

Ivory roses, 2½-in., $3.00 per 100.
D. U. Augspurger & Sons, Peoria, Ill.

RUBBERS.

25 ficus elastica, 6-in., 2 to 2½ feet high, from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

RUBBERS—Continued.

Ficus elastica, imported, 4-in., 25c; 5 to 5½-in., 35c, 40c each.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz.
Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvia splendens, surplus, 2½-in. pots, $1.75 100; $15.00 1000. Cash with order.
Wm. J. Chinnick, Trenton, N. J.

Salvia splendens, 2-in. pots, $1.50 per 100.
Jas. D. Hooper, 812 Brook Ave., Richmond, Va.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvias, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

CINERARIA STELLATA, most floriferous of all cinerarias; flowers are pure white, light mauve, violet, purple; the best cut flowers for funeral work, pkt., 25c.
CINERARIA MAX. NANA, giant flowered novelties—pure white, blood red, MAGNIFICENT old rose, azure blue, each color separate, pkt., 25c. All colors, mixed, 25c.
Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.
Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.
Best German, winter-flowering, ten weeks stocks, pkt., 25c.
Send for our new fall list.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Toole's premium American pansy seeds now ready. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies" free to any address. Extra choice, mixed, 10c per pkt.; ⅛ oz., 50c; ¼ oz., 75c; per oz., $2.75. Selected, mixed, 15c per pkt.; ⅛ oz., 70c; ¼ oz., $1.20; per oz., $4.00. Hesperian mixture, 25c per pkt. Trade pkts., containing triple quantity, double price.
William Toole, Pansy Specialist, Baraboo, Wis.

New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

XXX seeds. Chinese primrose, finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Have the other varieties separate, also. Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Cineraria, finest large flowering, dwarf, mixed. 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00.
A. T. Boddington, 342 West 14th St., New York.

New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1,000; per whole case of 5,000 seeds, $15.00.
ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1,000, 5,000 for $12.00, 10,000 for $20.00. Germination guaranteed.
Clucas & Boddington Co., 131 West 23d St., New York City.

New crop pansy seed. MICHELL'S GIANT PRIZE and MICHELL'S GIANT EXHIBITION cannot be equaled for size, texture and brilliant colors. For list of varieties and prices see display adv. Our new catalogue, just off the press, contains a complete list of pansy and other seasonable seeds. Send for a copy.
H. F. Michell Co., 1018 Market St., Phila.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1.
Peter Brown, Lancaster, Pa.

Johnson & Stokes' KINGLY COLLECTION of giant pansies, half trade pkt., 1000 seeds, 30c; trade pkt., 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00. Also the most popular pansies of the best English, French and German strains. For varieties and prices see display adv.
Johnson & Stokes, 217-219 Market St., Phila.

Our new sweet pea, GLADYS UNWIN, best and largest pink by far; generally throws four flowers to a stem; for early autumn delivery, 10 shillings per pound.
Watkins & Simpson, Wholesale Seedsmen, 12 Tavistock St., Covent Garden, London, England.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Zirnglebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirnglebel, Needham, Mass.

Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Seeds. Christmas pepper, 30c per 500 seeds; 50c per 1000. Our Christmas peppers are the best in the market.
J. C. Schmidt Co., Bristol, Pa.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursey, San Diego, Cal.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
A. J. Santschi, Goshen, Ind.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Pansy seed, new crop, $1.00 per packet; $4.00 per oz; $12.00 per ¼ lb. Cash.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

PANSY SEED. See display adv. in this issue for our special offer.
Weigelt & Co., Erfurt, Germany.

RELIABLE SEEDS. For list of varieties and prices see display adv.
O. V. Zangen, Hoboken, N. J.

Pansy seed, extra fine imported strain, ½ oz., $2.50, 1 oz., $5.00.
D. U. Augspurger & Sons, Peoria, Ill.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for the florist. Catalogue free.
W. W. Rawson & Co., Boston, Mass.

Pansy seed, large flowering, ready in July, $4.00 oz.
Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample.
T. H. Paterson & Co., 278 Old York Road, Baltimore, Md.

Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax, strong, young plants, 2¼-in. pots, ready for planting, $1.25 100; $12.00 1000.
W. T. Buckley Co., Springfield, Ill.

Smilax, 2-in., nice and strong, clean plants, $1.50 per 100; $6.50 for 500.
Krueger Bros., Toledo, Ohio.

Smilax, strong, bushy plants from 2-in. pots, $1.25 per 100; 10.00 per 1000.
Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

Smilax plants, strong, 2-in. stock, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, nice, bushy plants, 2¼-in., $1.50 100, $12.50 1000. C. R. Hills, Grand Rapids, Mich.

Smilax, 2¼-in., strong and ready to plant, $2.00 per 100. A. J. Winget, Mansfield, O.

Smilax, 2-inch pots, $1.50 100; $12.50 1000.
H. S. Courtney, Sparkill, N. Y.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Smilax, fine, 2¼-in., $1.50 per 100.
Ludvig Mosbaek, Onarga, Ill.

Smilax seedlings, 25c per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, fine, bushy plants, 2¼-in. pots, 40c per doz.; $2.00 per 100.
A. L. Harmon, Iola, Kan.

UMBRELLA PLANTS.

Umbrella plants, very fine, 2¼-in., $2.50; 4-in., $6.00 per 100.
Ludvig Mosbaek, Onarga, Ill.

VEGETABLE PLANTS.

TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.
CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.
BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.
PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.
CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Celery, strong, transplanted, ready for field—Golden Self-Blanching and White Plume, $2.50 per 1000, $2.00 per 1000 in lots of 5000 or over. Pepper plants, stocky, 8 to 10 in. tall, twice transplanted, $5.00 per 1000—Bull Nose and Chinese Giant. Write for prices on winter cabbage, genuine imported Danish seed. Sample plants mailed on application.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.
Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.
Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.
My plants are fine. Cash with order.
Samuel W. Shanklin, White Marsh, Md.

Chinese peppers, $2.00 1000; Ruby King, $1.50 1000. Cabbage—Succession, $1.50 1000. Celery—Giant Pascal, $2.00 1000.
F. Griswold, Worthington, O.

Cabbage plants, Danish Ball Head, field-grown, $1.00 per 1000; 10,000 for $7.50.
R. Kilbourn, Clinton, N. Y.

5,000,000 celery plants. See my advertisement in this number. Ludvig Mosbaek, Onarga, Ill.

Tomato plants, $8.00 1000. Cash.
Converse Greenhouses, Webster, Mass.

BUSINESS BRINGERS—
REVIEW Classified Advs.

VERBENAS.

Mammoth verbenas, in bud and bloom, 2¼-in., $1.50 100, $12.00 1000; rooted cuttings, 60c 100, $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, finest strain, mixed, from seed, 2-in. pots, $1.50 per 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

VINCAS.

10,000 Vinca major var., 2-in., $1.50 per 100; $12.50 per 1000. Cash. Express prepaid.
P. J. Agnew, Springfield, O.

Vincas variegata, 2½-in., very strong, $4.00 100; second size, $2.00 100.
Geo. Bischoff, Ann Arbor, Mich.

Vinca var. major, 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca var., strong plants, long vines, closing out at 12½c. Otto Bourdy, Lowell, Mass.

Vinca var. major, 3-in., fine, strong plants, 6c.
A. J. Baldwin, Newark, Ohio.

VIOLETS.

Violet stock, clean thrifty plants. Single varieties—Princess of Wales, California, La France, Luxonne, Russian and Dorsett. Double varieties—Imperial, Marie Louise, Farquhar and Swanley White. Field clumps and plants, $2.25 per 100, $20.00 per 1000; 3½ and 4-in. pot plants, $2.50 per 100; $22.00 per 1000. Ready to plant at once for fall flowering. Packed lightly. Satisfaction guaranteed.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violets, nice plants from soil, clean and thrifty, $2.00 100; $15.00 1000. Satisfaction guaranteed. Cash.
O. H. House, Babylon, L. I., N. Y.

Genuine MARIE LOUISE DOUBLE violet plants, healthy, vigorous stock. Write for prices, etc.
F. R. Snyder, P. O. Box 233, Rhinebeck, N. Y.

Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. Schnefer's, Inc., Newburgh, N. Y.

Violets. Marie Louise, Lady Campbell; Dorsett, single, from 2-in., $2.50 100; $20.00 1000.
Ell Cross, Grand Rapids, Mich.

Marie Louise violet plants, fine stock in 2¼-inch pots, $3.00 100; $25.00 1000.
Wood Bros., Fishkill, N. Y.

Marie Louise violets, 8000 fall clumps, good, at $5.00 per 100, $40.00 per 1000.
M. A. Postma, Sibley, Ill.

Marie Louise violet plants, clean and healthy, $20.00 per 1000. Sample, 10c.
H. W. Stewart, L. B. 303, Rhinebeck, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

ZINNIAS.

Zinnias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

TO EXCHANGE.

To Exchange—Polly Rose, Glory of Pacific and Bonnaffon chrysanthemums for White Ivory, Timothy Eaton, Queen and Mrs. Jerome Jones.
A. E. Fancher, Binghamton, N. Y.

To Exchange—Fine giant pansy seed, mixed, $1.00 per oz., for field-grown carnations.
A. J. Santschi, Goshen, Ind.

To Exchange—Bride and Bridesmaid roses, 3-in., for chrysanthemums.
W. E. Fowler & Co., Edgemoor, Del.

WANTED.

Wanted—Variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to O. H. Dickenson, 27 Lyman St., Springfield, Mass.

Wanted—Winter onion sets. Send sample and price to Herbert Winkler, Ironton, O.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

BUSINESS BRINGERS—
Review
Classified Advs.

CUT FLOWER BOXES.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
Livingston Seed Co., Box 104, Columbus, O.

The best cut flower box is the FULL TELESCOPE—that's ours.
C. C. Pollworth Co., Milwaukee, Wis.

There is no better folding box than ours. Get our prices.
Holton & Hunkel Co., Milwaukee, Wis.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green ,etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc., good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties.
N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy ferns, green sheet moss, sphagnum moss, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

Fancy and dagger ferns, galax leaves, etc.
A. L. Fortunes, New Haven, Conn.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
Arnott Chemical Co., 114 Victoria St., Toronto, Canada.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

Blatchford's plant grower and land renovator, the only fertilizer that will satisfy you.
Blatchford's Calf Meal Co., Waukegan, Ill.

Pure sheep manure, dried, unpulverized and pulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAK LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax leaves, green or bronze.
A. L. Fortunes, New Haven, Conn.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

We are sole distributors of "White Rose" greenhouse glass.
Stenzel Glass Co., 2 Hudson St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Bull Frog brand, best on the market. Write for prices on size desired.
Toledo Rubber Co., Toledo, O.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Good hose. J. G. & A. Esler, Saddle River, N. J.

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"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50. "Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

Nikoteen Aphis Punk, the original and genuine fumigant, widely imitated but never equaled, box of 12 sheets, 60c; case of 12 boxes, $6.50.
Nicotine Mfg. Co., St. Louis, Mo.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Nicoticide kills all greenhouse pests.
The Maxwell Mfg. Co.,
Eleventh St., Louisville, Ky.

LEAF-MOLD

Orchid peat, rotted peat, azalea peat, leaf-mold and live sphagnum moss in any quantity desired. Samples on application.
C. W. Brownell & Co., Walden, New York.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

Peat, $1.00 per bbl. bag. Cash.
E. R. Baker, Pier 34 N. R., New York City.

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Twemlow's old English glazing putty, liquid and elastic. Write Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard pots, best on the market for porosity and strength. Write for sample and prices.
A. F. Kohr, 1521 N. Leavitt St., Chicago, Ill.

Red pots, full standard, wide bottoms; bulb pans. Harry Balsley representative.
Detroit Flower Pot Mfy., Detroit, Mich.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

Standard red pots. Write for prices.
Paducah Pottery Co., Paducah, Ky.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SPHAGNUM MOSS.

Sphagnum moss, $1.50 per 8-bbl. bale; $2.00 in burlap. Cash. E. R. Baker, Pier 34 N. R., New York City.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live, short sphagnum moss for orchids, at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

TOBACCO.

The Fumigating Kind tobacco powder, a five-pound trial bag free, you pay express. It kills aphis.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems by the bale or carload. Write for price on quantity you can use.
F. G. Borden, Milton, Wis.

Tobacco dust. It will pay large users to get our samples and prices.
E. L. Koppelman & Co., 81 Pine St., New York.

Tobacco stems for fertilizer. Car load lots.
Maxwell Mfg. Co., Louisville, Ky.

Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

WIRE STAKES.
Belmer's galvanized steel stakes for roses, carnations, mums—no bugs—last forever.

		2 ft.	3 ft.	4 ft.	Terms:
No. 8 wire...	per 1000,	$4.85	$7.15	$9.50	Cash
No. 9 wire...	"	4.00	6.00	8 00	with
No. 10 wire...	"	3.55	5.35	7.10	order.

We can furnish any size and length.
H. BELMER & CO., Cincinnati, Ohio.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized rose stakes. Any length and size of wire. Write
H. F. Michell Co., 1018 Market St., Phila.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

WIRE WORK.

Wire work. As manufacturers we eliminate the middleman. None other made as good at our prices.
C. C. Pollworth Co., Milwaukee, Wis.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

Wire work, all kinds.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

THE READERS' CORNER.

Cultivation and Hoeing.

It is strange that so level headed a man as W. S., and such a close observer, should get mixed up on the subject of capillary attraction. W. S. states that hoeing, by loosening the surface, enables the moisture to escape and draws up more moisture from below. The very reverse is true. The sun's rays draw up moisture by means of capillary attraction. That is, minute passages are formed to the surface, by means of which moisture rises and escapes into the air. Hoeing and cultivation break up these water tubes and thus retain the moisture below. These tubes form again in a week or so. Rain or watering also pack the ground and conduce to their rapid formation. Hence the necessity for frequent stirring of the surface.

This principle is well understood in California. I once worked on an orchard there where no rain fell from May to October. The surface soil was reduced to dust for a thickness of four inches and regularly cultivated once a week. Below this dust blanket moist soil was always to be found. Just outside the orchard and on the same kind of soil, a sandy loam, was a brick field. Here one could see soil dug out twenty feet deep and as dry as possible. In the brick field the rain which had fallen in the winter had all escaped into the air by means of capillary attraction. In the orchard it was unable to get through the dust blanket and remained in the soil to benefit the trees.

Edw. Alex. Wallace.

HAIL INSURANCE.

During its eighteen years of practical operation the Florists' Hail Association of America has paid, up to the beginning of the present season, 870 losses, aggregating a little more than $81,000. It has been found that the average cost of insurance per annum on single thick glass is 6⅔ cents per square foot and on double thick glass 5 cents per square foot. The first assessment on single thick glass is 8 cents per 100 square feet and on double strength 6 cents per 100 square feet. Subsequent assessments are levied as needed and 5 cents per square foot for single thick and 7 cents per square foot on double thick paid to members for glass broken by hail. The cost of management is nominal, so that the association has a reserve fund of $13,500, insuring over 22,000,000 square feet of glass for more than 1,400 members. E. G. Hill, Richmond, Ind., is president of the association and J. G. Esler, Saddle River, N. J., has been secretary since its organization. In writing to Mr. Esler as to the cost of insurance, give not only the length of the several houses but the length of the sash bars on each side, also state whether single or double strength glass is used.

SEEDS.

In raising any seeds, some consideration should be given to natural conditions. Take the Clematis vitalba as an instance. It ripens and falls on moist ground in the autumn, and there it remains until we get the warm sunshine in spring, when it is ready to start; and when it is collected for commercial purposes it is probably kept dry with the result that when it is sown in spring the hard shells do not get sufficiently softened before we get dry hot weather; but if the seed is put into moist sand and kept in a cool place, it will germinate freely when sown. Much the same thing may be said of rose seed; they should never get thoroughly dried. There are other seeds which ripen early in the summer, and lie on the ground for a long period; these cannot be kept too dry after they are collected, yet with these, germination may be assisted by soaking them for a short time before sowing.—Horticultural Advertiser.

THE OLD-FASHIONED FLOWS.

I have a greenhouse 12x16 that I want to heat in the old-fashioned way, with a brick furnace and tile piping under the middle bench. How large a furnace will be needed to keep 60 to 65 degrees in the winter weather in the latitude of Cincinnati? C. E. E.

It is not possible to accurately calculate the size of a furnace necessary to heat a house by means of a flue, as is the case with hot water or steam. While a furnace of moderate size will undoubtedly do the work satisfactorily, the size of the furnace should be governed by the kind of fuel to be used. If hard or soft coal is the fuel, a furnace twelve inches wide by two feet deep and fifteen inches high, with an adequate ash-pit should answer the purpose. If cord-wood is to be the fuel, I should make the firebox about two and one-half to three feet long, so as to use half-length cord-wood.

A grate three feet by eighteen inches with a firebox eighteen inches high and an adequate ash-pit will be ample and will be more economical to fire than a smaller furnace requiring finer wood. The efficiency of this plan of heating will depend quite as much upon the arrangement of the flue as upon the size of the furnace. If instead of arranging the flue through the center of the house it can be carried around the house and discharged into a chimney constructed on top of the furnace, the most efficient arrangement will be secured. L. C. C.

PIPING TWO HOUSES.

We are building two greenhouses, and would like to know how to pipe them with 2-inch pipes, there being four benches in the wider house, which is 26x120, eleven feet to the ridge. The other house is 10x120 and eight feet to the ridge. In the larger house it requires 65 degrees and in the smaller 60 degrees in the most severe weather in northern Illinois. How should the pipes

The S. A. F. Convention is close at hand and everyone is interested in knowing all about

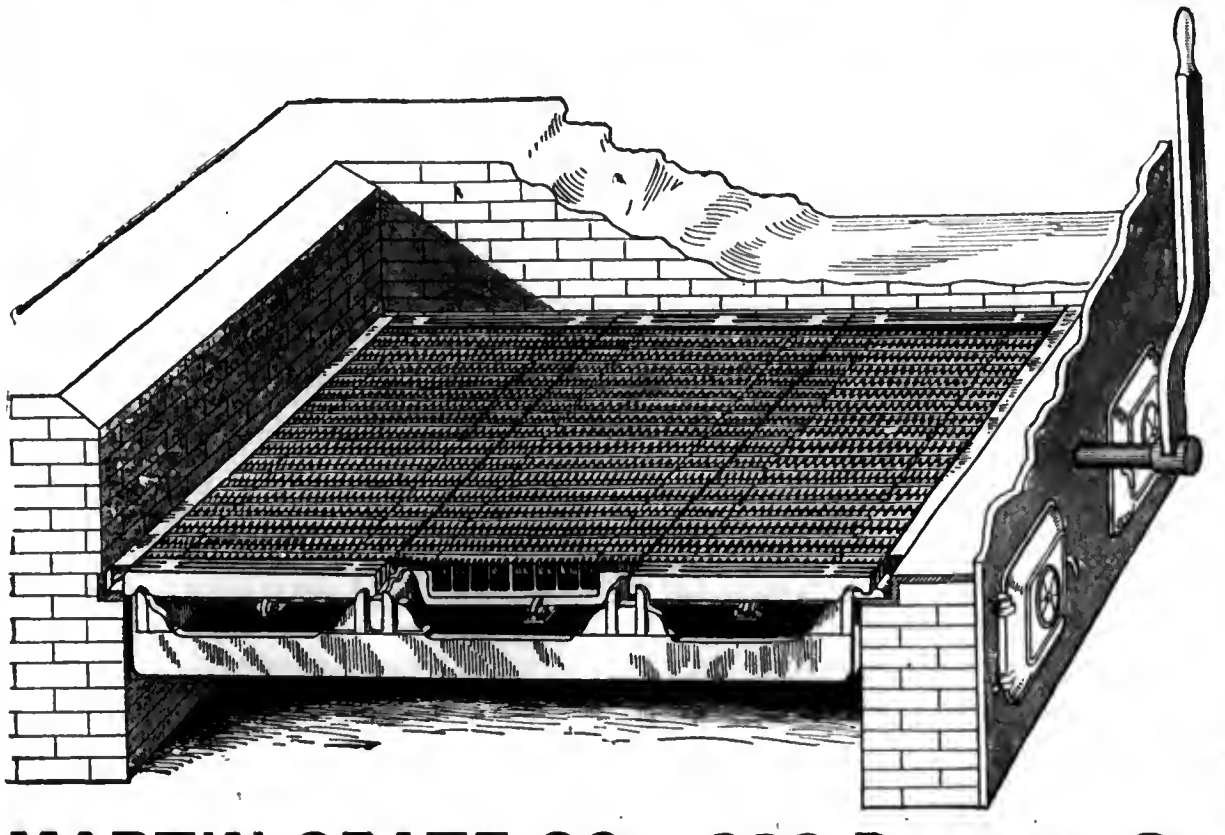
What You Will Show

in the Trades' Display. Tell them about it in the next few issues of

The Review

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DOES not allow any fine coal to go into the ashpit. It burns it **all**. Will pay for itself several times over each season in the saving of fuel. **Put in a trial set now.** Burns **any** coal and is especially adapted for the cheaper grades, such as slack and screenings. No change required in your furnace. Anyone can set it in place.

We have sold such up-to-date florists as Peter Reinberg, Emil Buettner, J. A. Budlong, Wietor Bros., Adam Zender and Sinner Bros., of Chicago; the Albert Dickinson Seed Co. and others. **Write for price and catalogue.**

MARTIN GRATE CO., 283 Dearborn Street, CHICAGO

be distributed to do away with the very annoying hot and cold ends which are often found in greenhouses? J. B.

The house 26x120, if heated with hot water at 180 degrees, should be provided with a 3½-inch main flow pipe arranged to supply seventeen 2-inch returns. The house 10x120 will require a 2½-inch flow pipe, returning the length of the house through eight 2-inch returns.

Yes, it is quite possible to do away with the warm and cool ends of greenhouses. This can be more easily and cheaply accomplished with steam than with hot water, and also more easily where the main flow is carried to the most distant end of the house under the ridge than when smaller flow pipes are used and arranged under the benches. When steam is used and the main flow is carried to the most distant end of the house under the ridge and there divided to return under the benches in an adequate number of returns there is seldom any trouble with uneven temperatures, but with no other system of piping have I been able to secure as even a temperature. L. C. C.

METHOD OF HEATING.

I am planning to erect an even-span house 30x100 in a sheltered location, boarded on the north and with two feet of glass on the south side. The temperature required will be 50 to 55 degrees in the coldest Massachusetts weather. The land is such that I cannot sink a boiler more than four feet. I have a sixty horse-power tubular boiler, but I must dispense with a night fireman. If I use a steam trap to return condensation could I get an appliance which would automatically ring a bell in my sleeping room if the steam pressure went below the point necessary to operate the trap, or would you advise me to have larger openings cut in the boiler and turn it into a hot water system? If so, how large openings would be necessary? How many runs of 2-inch pipe would be required if hot water was used and how many runs of 1¼-inch pipes if steam was used? E. W.

Yes, it will be possible for you to arrange an automatic alarm to indicate minimum steam pressure as you suggest, but if you have only one greenhouse of the size indicated to be heated by a sixty horse-power tubular boiler it would, in my judgment, be better for you to plan a hot water system rather than a steam system until you have sufficient glass to warrant you in employing a night fireman. The boiler you have undoubtedly has a 4-inch connection on top and 2½-inch or 3-inch connection for the return. If so it will be ample for either steam or hot water. If you use steam the main flow pipe should be 2½-inch and arranged to supply eighteen 1¼-inch pipes. With hot water the flow pipe should be 3½-inch and arranged to supply sixteen 2-inch returns the length of the house. This will provide sufficient radiation to furnish heat for carnations. L. C. C.

Eureka Greenhouses.

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CHICAGO.

INDIANAPOLIS, IND.—Mrs. Gunnar Teilmann, of Marion, Ind., is in the hospital here, where she underwent a serious operation, July 6. She stood the ordeal well and is convalescing as rapidly as could be expected.

LOUISVILLE, KY.

Business is at a standstill, nothing doing beyond the call for funeral work. Asters are coming in but are small. A few carnations are still to be seen but the quality is poor.

Jacob Schulz is building a very handsome store on Fourth avenue. The front will be of stone.

Jos. Coenen has sold out his interest in the business to his partner, John Bohrman. Mr. Coenen is disposing of all his property and intends to locate in Los Angeles, Cal. The florists of Louisville wish our good old comrade all success in his undertaking.

Nanz & Neuner, of St. Mathews, are tearing down a couple of old houses and building new ones in their place.

Mr. and Mrs. J. E. Marret and their daughter, Victorenia, have gone to Buffalo to attend the Elks' reunion.

Fred Schulz, son of Jacob Schulz, was married July 3 at St. Martin's church, to Miss Anna Shaady. Congratulations are in order.

The Kentucky Society of Florists held the meeting of July 11 at A. Rassmussen's place in New Albany, Ind.

Nick Riehlman, who was formerly employed in Cave Hill cemetery, is putting up a very large greenhouse at Eden Side, which will be planted to carnations.

HY LICHTEFELD.

KALAMAZOO, MICH.

G. Van Bochove & Bros.' new place on the south side is a model of neatness and the houses are built after the latest style and are certainly a credit to this enterprising firm. Here roses are grown entirely and are looking exceedingly well. John Westveer, foreman at the old place, is busily engaged to get the planting done. Smilax and other greens are grown here in quantity, also some very fine mums can be seen.

The Dunkley Floral Co. has bright prospects for good crops the coming season. Roses are all planted and a house of Golden Gate and Bride and one planted to Meteor are very fine for this time of the year. By the end of this week they will have finished planting carnations, chrysanthemums and violets. A small house of calla lilies are coming in bloom and are looking fine. Staking and tying has commenced and the place is in good shape.

The Central Michigan Nurseries have moved their whole plant from the north to the south part of the city, and no expense has been spared to make their plant a model one. Mr. Smith, the superintendent, is busily engaged in planting as fast as the houses are completed, and several houses are planted already and are looking fine. They would have been further advanced, but the rains we had here delayed work. H. M.

ENID, OKLA.—Mrs. I. E. Tarr & Son, who conduct the Kenwood Greenhouses, are building a new house 14x88 feet. Trade is slow just now but they look for good business this fall.

JUST A MINUTE

That is how long it takes a

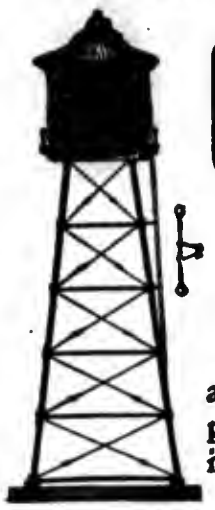
WITTBOLD.... WATERING SYSTEM

to water or syringe your greenhouse. It will pay you to investigate. For particulars address **Louis Wittbold**, 1708 N. Halsted St., **Chicago**

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are almost as important as its materials. Those attached to



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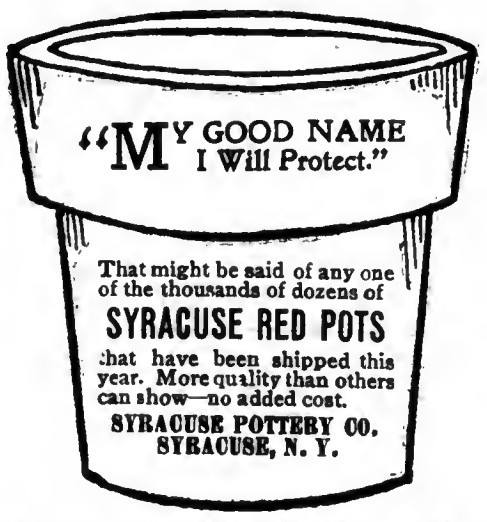
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Louisville, Ky.

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WATERPROOF. Corner Lock Style.

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To try them once is to use them always.

Size No. 0	3x4 x20	$2 00	per 100;	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2 00	"	19 00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	6.00	"
" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
" No. 7	6x16x20	5 50	"	.00	"
" No. 8	3x7x21	3 00	"	50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28 50	"

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PIPE New 2-in. wrought iron, full lengths, with couplings, 8¾c per ft. Good serviceable second-hand, with threads; 4-in., 19c; 3-in., 14c; 2½-in., 10c; 2-in., 7c; 1½-in., 5¾c; 1¼-in., 3¾c; 1-in., 3c. Cast-iron, 4-in., 12c per ft. Also Old and New Fittings.

STOCKS and DIES New Economy, best made, No. 1, threads ⅛-in., ¼-in. 1-in. pipe. $3.00. No. 2, threads 1¼-in., 1½-in., 2-in. pipe, $4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in. to 1-in. pipe, $1.00. No. 2 cuts 1-in. to 2-in. pipe, $1.30.

STILLSON WRENCHES New 18-in., grips ¼-in. to 2-in. pipe, $1.65; 24-in., grips ¼-in. to 2½-in. pipe, $2.40; 36-in., grips ½-in. to 3½-in. pipe, $4 75.

PIPE VISES New, No. 1 Hinged grips ⅛-in. to 2-in. pipe, $2.

GARDEN HOSE New. ¾-in., guaranteed 100 lbs. pressure. 7½c per ft.; ¾-in., not guaranteed, 4½c per ft.

HOTBED SASH New. Cypress 3 ft. x 6 ft. from 70c up. Glazed, complete, from $1.60 up. Second-hand, as good as new at $1.25 and $1.00 each, complete.

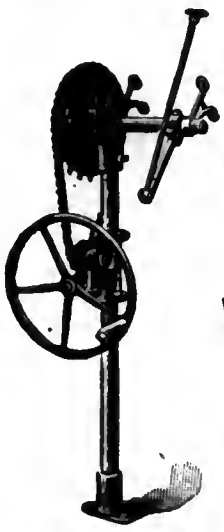
GLASS New American, 50 sq. ft. to the box: B single, 10x12, at $1.70; B double, 10x12 and 12x12, at $2.40; B double, 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18, at $2.60; B double, 16x20, at $2 80; 16x24, at $2.95. Second-hand, single, 10x12, at $1 40 a box.

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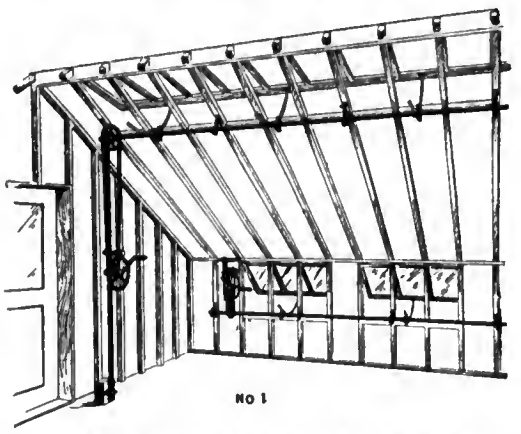
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G. L. GRANT, Editor and Manager.

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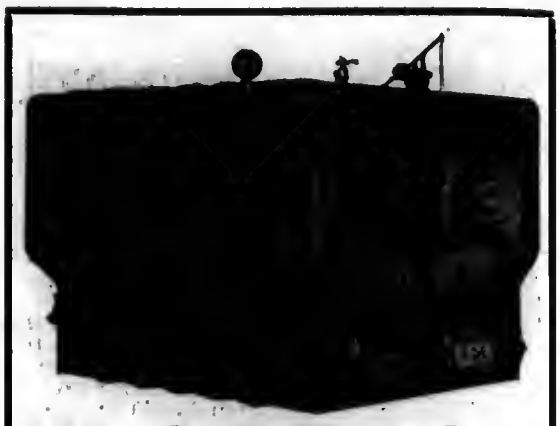
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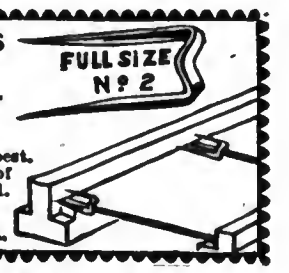
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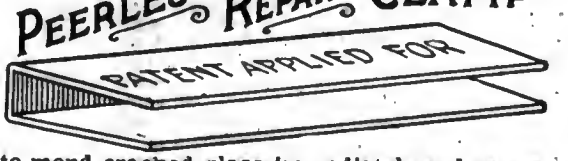
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Vol. XVI. CHICAGO AND NEW YORK, JULY 20, 1905. No. 399.

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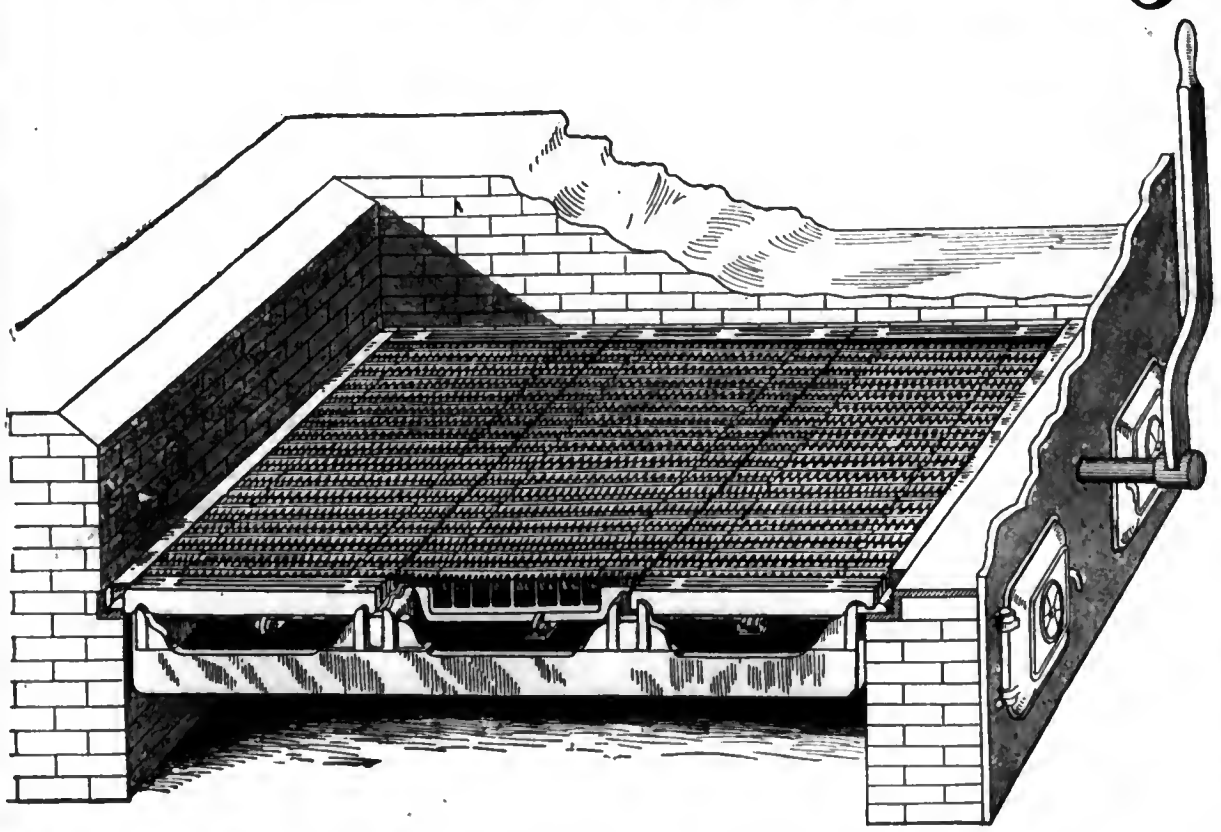


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I BEG TO ANNOUNCE THAT I SHALL

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Commencing January 1, 1906

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5-inch, 6 to 7 leaves, 20 to 22 inches high		9.00	75.00
6-inch, 6 leaves, 22 to 26 inches high	$1.00	12.00	
6-inch, 6 to 7 leaves, 26 to 28 inches high	1.25	15 00	
6-inch, 6 to 7 leaves, 30 to 32 inches high	1.50	18 00	
7-inch, 6 to 7 leaves, 34 to 36 inches high	2.50	30.00	
8-inch, 6 to 7 leaves, 36 to 40 inches high	3.00		
9-inch, 6 to 7 leaves, 42 to 48 inches high	5.00		

KENTIA FORSTERIANA Made Up Plants	Each
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8-inch pot, 4 plants in pot, 42 inches high, heavy	3 50
10-inch pot, 4 plants in pot, 48 to 54 inches high, heavy	5.00
10-inch pot, 4 plants in pot, 60 inches high	6.50
12 inch tub, 4 plants in tub, 5 to 6 feet high, heavy	12 50
12-inch tub, 4 plants in tub, 6 to 7 feet high, heavy	15.00

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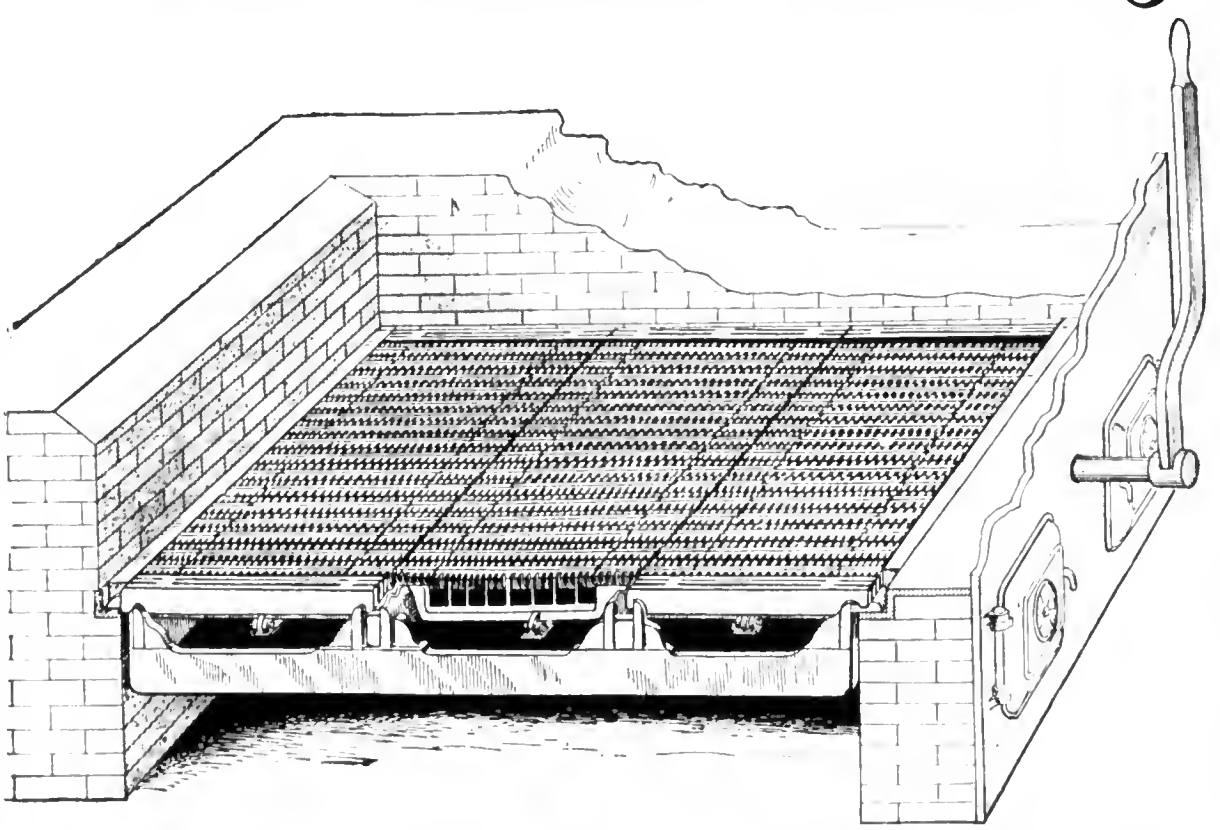


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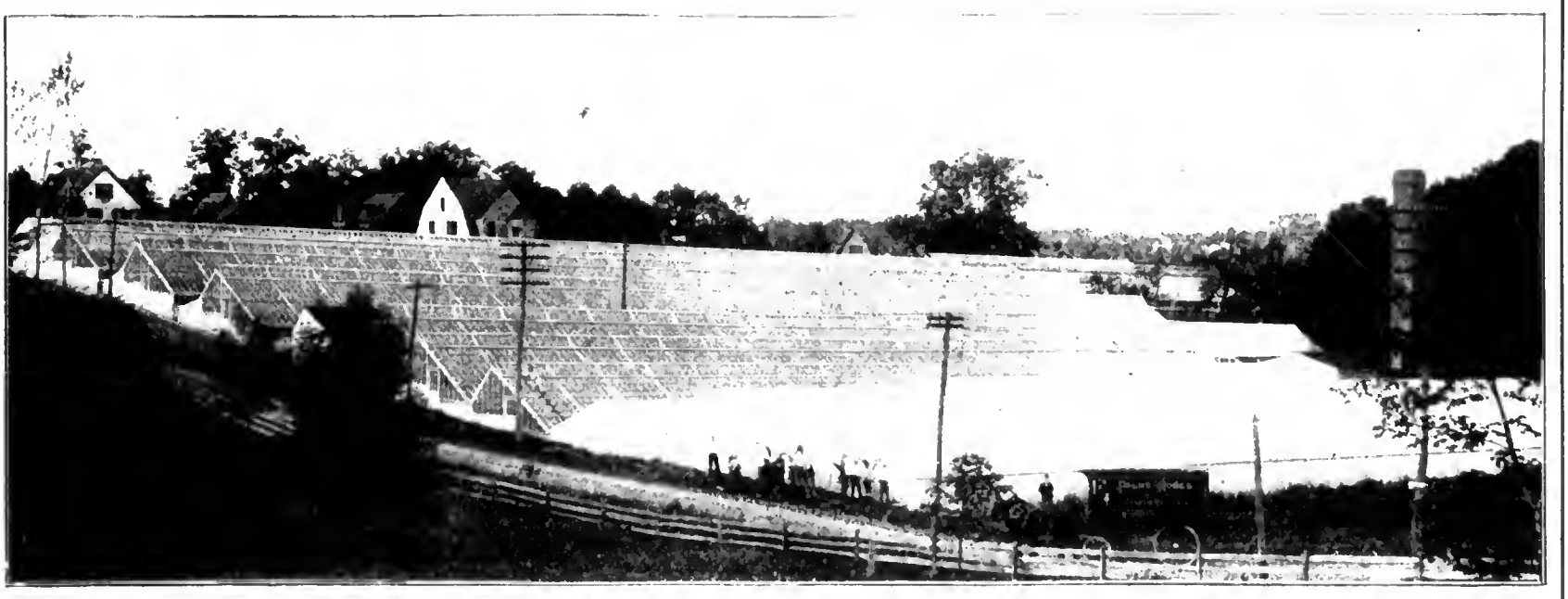
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YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

THE RETAIL FLORIST.....

A SUMMER WINDOW.

A good-sized stump with a short, broad branch on the left, banked at the back and right side with Boston ferns and auratum lilies is the center of the window display illustrated this week. The floor of the window is covered with sheet moss as usual. Grouped in front of the stump, close up to it to resemble the habits of growth, are a few small ferns in pots. A wide brimmed sun hat is nailed on the branch of the stump and filled with coreopsis. A small dish containing water is easily concealed in the crown of the hat, and the flowers straggle out from it in every direction. A rent is made about half way around the crown on the right and some of the flowers are drawn through backward till they hang out from under the edge of the brim. The vase holding the stems of these flowers should be covered with moss and other green.

In the rear of the window, towards the left, is a small group of yellow calceolarias. All the pots of these groups of growing plants are covered with moss. In attempting a wild scene like this, every trace of greenhouse "fixings" should be hidden.

One detail in this study should be observed; namely, there is a way out, apparently. Some opening or parts should be left, having the appearance of leading out or back. Vacancies are a rest to the eye and make a depth to a window which no amount of filled space can ever do. This opening or vista need not be very large, but its presence somewhere is an essential feature of a good window picture. The coloring here is yellow, brown blending with red in the coreopsis and auratums.

GERTRUDE BLAIR.

EXHIBITION PIECES.

Now is the time to begin planning for fairs and flower shows, which require or ought to require, designs of a special class. Too often, where an award is offered for the best flower design, a funeral design is chosen for competition, from lack of experience or interest, and too often the general public gets the impression that design work is confined to that class. Funeral designs on wire frames, with the exception of large, fine ones, upon which there are opportunities for the display of excellent material and fine arrangement, are fast being pushed to the rear by loose sprays and clusters.

If you want to be in the lead in your community, show how to make other flower designs of a happier kind. In order to make such work worth while, plan with the officials and superintendent of the flower department. Have them understand the expense of preparing such work and give them to understand that if they want an attractive display, premiums of considerable value must be offered. Most officials will pay attention to your interests if properly presented, especially in the agricultural and horticultural societies. Much depends upon the location and surroundings in the exhibition hall. Good light, with freedom from draughts, are the most important requirements. Cold storage cases with plate glass fronts are next in order. These are only reasonable needs where flowers must be on exhibition twenty-four hours before being judged and several days after.

Collections of flowers, both general and specific, are as a rule, the most poorly displayed of any exhibition pieces. Despite the fact that flowers are supposed to keep well in damp sphagnum, it really makes very little difference. By all means have the stems in water. Have one collection in a tall vase and another in a basket of convenient shape and size to hold a dish of water to fit. In another have a bowl or pan of water covered with bark or ferns. Use one or two of your mantel pans with a raffia covering, or fill a birch bark canoe with some one of the collections. Where a hand bouquet is among the entries, the longer stemmed flowers can be made to reach the water in a tall vase. Make the shower bushy enough to stand out from the vase. This will be the most difficult exhibit to hold in good shape as it cannot be sprinkled on account of the ribbon, nor is it possible to arrange with the best effect and have any considerable amount of the stems reach the water.

If difficulty is met in keeping flowers in place in shallow dishes, put in a network of wire across the top of the pan, or fill the pan with stiff green down in the water and insert the stems as into sphagnum, minus the picks, of course.

Among the designs which are not too commonly seen in exhibitions might be named an automobile, a chariot, a spray in a frame like a picture, a harp or lyre in festive arrangement or a picture hat. For either of the first two, one dove perched on the front with ribbons attached to two flying doves in front, might be attractive for an elaborate piece. Any of the familiar color combinations would be suitable, being careful to make the body of the piece either in one color or shaded, rather than a mixture. Then fill in what flowers are in the top of a decidedly different color and kind, remembering that striking contrasts will best serve your purpose.

Make the spray in the frame like a panel on a background of rich foliage, like bronze galax or ivy. Make an elaborate frame from roses or some striking color in garden flowers. Pin the spray securely to the background and suspend like a picture. The long panel will be the best shape.



A Summer Show Window.

A picture hat can be made entirely of flowers, crown and upper and under brim. Pansies, cornflowers in blue and purple, with light pink asters and a wreath of pink roses or a plume of delicate green would work in well. Adiantums for the upper part of the brim would work in properly.

The harp or lyre can be made of either green or some solid color in flowers, with a broad base filled with a variety of flowers and a great cluster falling through the strings forward at their

base. Bronze the strings and set some tall flowers in behind them to show from the back through the strings.

Gertrude Blair.

A FLORIFEROUS BULB.

The accompanying illustration is from a photograph of a freak lily flowered this season by Wm. Hollinsworth, gardener to A. E. Austin, Esq., Pawtuxet, R. I. The bulb was a 7-9 Japanese longiflorum and produced three stems, the center one having so many buds that the flower head was like that of a big, white coxcomb. The plant made fifty-three buds, of which forty-two developed, thirty-four on the center stem and four on each of the side stems. The foliage on the center stem was almost as badly crowded as were the flowers, for it had also multiplied in the same ratio as the flowers. The photograph was taken on the Friday before Easter.

MISCELLANEOUS SEASONABLE HINTS.

Work of the Day.

Outside of our two principal products, there is not much to sow or to reap for the next month or so, but there is always work for the industrious florist. There is no excuse for weeds in the field or garden. Plants in pots plunged out of doors want faithful watering.

Azaleas that were put out in early June will have grown considerably by this time. Do not let them get crowded and while shifting them about is a good time to give them an inch of mulch, which can be almost all cow manure, not too much decayed. If the plants are healthy and vigorous they will relish the manure. The same with any of the acacias or metrosideros or any hard-wooded plants that you are keeping over in pots. They need lots of water and a mulch is of much benefit.

Rambler Roses.

If your ramblers that you started from dormant plants in April have made a long, stout growth they can, at the end of the month, be put outside. Do not set them on any material that they can root into or they will keep on growing, which you do not want. You want them to nicely ripen the canes they have made, so set them on boards, but surround the pots with leaves or litter, or some material to keep the sun from drying them out continuously, for the pots are very full of roots. Don't shift them either; reserve that until you begin to start them into growth next January, when they need something for their new, active roots. Keep them watered for a long time yet, as the buds they are now making are what will give you the trusses of bloom for next Easter.

Calla Lilies.

Richardias that you grow in pots should be started at once. We treat this old favorite often as an herbaceous plant, mostly for economy's sake, to make room for bedding plants on our benches, and lay the callas under the benches after Easter. Get them up, shake off all the old soil and put into 5-inch or 6-inch pots and start them growing plunged outdoors. They will make a stout, robust growth in the broad sun if given a copious supply of water and I think you will get more flowers from plants in pots than from those planted out. A bright, warm house is what they need if you expect them to flower. They are tropical and in a house where it is only 45 degrees at night the calla will only linger along and be no source of profit.

String the Smilax.

If you planted a new bed of smilax about July 1, don't delay putting strings to it. It is a terrible waste of time to let it grow and get tangled up; not only a waste of time but an injury to the first crop.

Euphorbias.

We all grow some Euphorbia Poinsettiana but few grow the beautiful Euphorbia Jacquiniæflora. Euphorbia splendens is of no use to the florist, a thorny bush of no value, but E. Jacquiniæflora is a lovely plant and easy to grow. It is seldom grown as a pot plant and grows much more freely planted out on a side bench in a warm house. If you have any plants propagated last spring (they root either from the old wood or the young, green growth) plant them at once in five inches of soil and with one pinching of the leading shoots they will reward you with a number of their slender, drooping sprays studded with numerous orange-scarlet bracts. It was once an indispensable winter flowering plant, but has been neglected. The correct name is E. fulgens Jacquiniæflora.

Poinsettias.

There is so much written about the popular poinsettia (which is also a euphorbia) that you are not likely to neglect them. If you grow any for cutting I would remind you that they are much easier to manage if grown planted on a bed or bench, for when they have plenty of root room they will endure a lower temperature. Let the soil be firm, five or six inches deep and plant young stuff from 2½-inch or 3-inch pots. You can plant now or for another month. Old stumps you have been propagating from all summer are difficult to make much of in pots. If planted out in a bed you will get a number of good bracts from them. If this is done in September they will make a useful growth.

Hydrangeas.

Don't neglect your young Hydrangea Otaksa that are intended for next spring sales. Don't shift to larger pots unless their roots are cramped for room, but let each plant have light and air around it and never let them wilt for want of water. Plants of these are now imported every fall for forcing. What we have seen of them are well furnished with flowers, but not as compact, bushy plants as we can raise at home.

William Scott.

ASTER DISEASE.

Will you kindly give me information on the nature of the disease the enclosed aster leaves are affected with? As you will see, the lower side of the leaves are



Lilium Longiflorum with Forty-two Blooms.



William Murphy.

brown and appear polished or shiny. This makes its appearance after the plants are transferred from the greenhouse to frames or field and this season has almost disappeared, but last year we lost an entire block of Queen of the Market with it. G. J. B.

The trouble seems to be a rust. If this trouble develops after the plants are transferred to the field t is more than likely that it began when the plants were crowded in the flats, under glass, and were kept too close and damp. The appearance of the leaves is very much the same as the rust on chrysanthemums, which it is almost impossible to stop if it once has a good start. We would advise, as a preventive another year, that you do not crowd the asters in the flats, giving them full light and plenty of ventilation and soon after transplanting from the seed pans to flats give them a syringing with the copper carbonate or Bordeaux mixture. W. S.

WILLIAM MURPHY.

There was a genuine though "safe and sane" celebration of the Fourth of July on a farm near Quincy, Ill., in 1857, for on that day the Murphy family, residing there, welcomed to membership a baby boy, subsequently named William. Eight years later the parents removed to their home near the present location of Mr. Murphy's greenhouses, just outside of Cincinnati. Here the boy worked in his father's vegetable gardens, until, in 1883, he began growing bedding plants and cut flowers for the Cincinnati market. Three years later he determined to devote his interests exclusively to carnations, being at that time the only florist there who made this flower a specialty. He employed such varieties as DeGraw, La Purite, Heinze's White, Grace Wilder and Portia and sold the blooms direct to the retail stores.

His plant steadily increasing, on October 1, 1902, he opened a commission house at 128 East Third street, to provide an outlet for his cut. The combined stock, furnished by many consignors adding their cuts to his, makes him at present the largest distributor of cut carnations in the Cincinnati market.

Mr. Murphy has just been elected president of the Cincinnati Florists' Society for the third term, having also served as secretary of the same society. He is a charter member of the Society of American Florists and a member of the American Carnation Society. Besides the work devolving on him through the care of his plant, commission house and a couple of farms, he finds time to discharge the duties of director and appraiser of a building association, treasurer of a school district, treasurer of a pike company, and clerk of an election board. Mr. Murphy's home is prettily located near his greenhouses and his interesting family consists of a wife and five children.

FERTILIZER MIXTURES.

In view of the growing interest in the mixing of fertilizers and the encouragement which the practice has received from the work of the experiment stations, attention should be called to the fact that the indiscriminate mixing of fertilizing materials is not a safe practice, says a bulletin of the United States Department of Agriculture. This is due mainly to two facts: (1) When certain materials are mixed chemical changes take place which result in the loss of a valuable constituent, as when lime is mixed with guano nitrogen escapes, or in a change of a constituent to a less available form, as when lime is mixed with superphosphates the phosphoric acid is made less soluble, and (2) mixtures of certain materials as, for example, potash salts and Thomas slag, are likely to harden or "cake" and thus become difficult to distribute if kept some time after mixing.

A German investigator has suggested a diagram, which indicates for a few of the more common fertilizing materials the combinations which may be safely made. In this diagram the dark lines unite materials which should never be mixed, the double lines those which should be applied immediately after mixing and the single lines those which may be mixed at any time.

POINSETTIAS.

Are poinsettias better planted on the bench or grown in pots? If the former, kindly give directions as to depth of soil, distance to plant, etc. J. P. K.

This will entirely depend on what your demand is. If you want to sell the plants, then you must grow them entirely in pots, as they are the worst possible plants to try and lift and pot. If you grow them for cutting, then by all means plant them on the bench. They are easier to manage in every way if planted out on a bench on five inches of good, strong soil. See that the bench will let

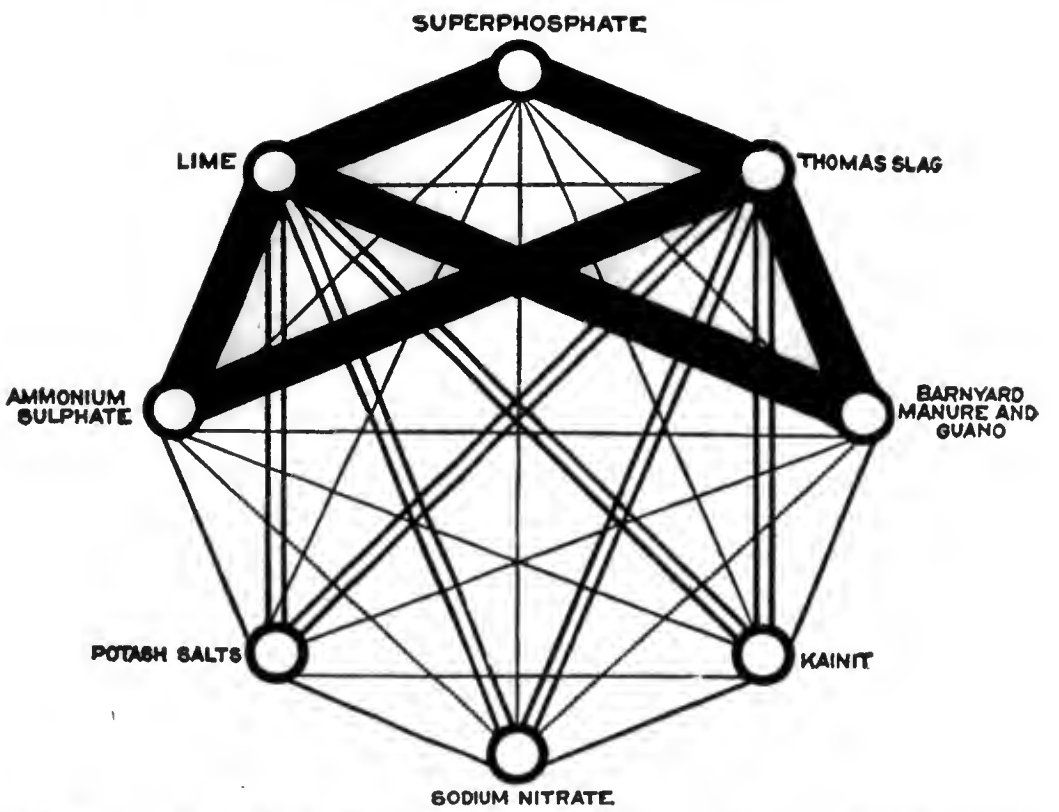


Diagram Indicating What Fertilizing Materials May and May Not be Safely Mixed.

water pass freely away. Do not plant too early, or your poinsettias will grow to a great height. Choose a bench that gets the full sun and where there is five or six feet of head room.

Take young plants from 2½-inch or 3-inch pots and plant about the middle of August in five inches of well firmed soil, about ten to twelve inches apart each way. They will need some support as they grow. Syringe to keep down mealy bug, which is often troublesome in the true flower, and fumigate frequently. Planted out, the poinsettia has much more root room than in pots and will not lose its foliage. With the roots not starved they will do with a lower temperature, but 55 degrees at night is the lowest they should be allowed to get. W. S.

INCARVILLEA OLGAE.

The plant figured in the last issue of the Review as Incarvillea Olgæ is incorrectly labeled at the greenhouses at Garfield park, Chicago, where it came to Head-gardener John Sell as a gift from a gardener friend. W. N. Craig says it is instead undoubtedly some variety of acanthus.

CARNATIONS

CARNATION NOTES.—EAST.

Filling the Benches.

On account of the hard labor, coming, as it does, at the hottest period of the year, the job of filling the carnation benches with fresh soil is quite often left to indifferent help, or perhaps to extra hands who are taken on to facilitate the work. It is admitted to be a tedious operation and it is quite proper to use all means to prevent the job being long drawn out but there should be some one familiar with the work to oversee and attend to small details.

Some may hold the opinion that soil can be dumped on a bench haphazard and leveled "any old way" or time. So it can, but it makes harder work to do a satisfactory job than if raked around and leveled as it comes in, and even then, while it apparently looks all right, after the bench is planted and has received a month or so watering, hollow places develop, caused by the soil not being of the same density throughout.

It is advisable, too, that benches be filled a week or two in advance. This makes it possible to remedy any defects that may appear and also allows a crop of weeds to be gotten rid of. It is preferable to let the weeds get two or three inches high before removing them, thus improving the mechanical condition of the soil. As soon as a bench is leveled give a fair watering to assist in the germination of weed seeds.

Every grower must arrange his help and make plans according to location of benches, walks, etc., but should have a system and personally see that it is carried out. If wheelbarrows are used provide runs of plank and avoid in every way possible traveling over the soil, either by walking or wheeling. Watch the corners and edges, that there be no skimping of material in these places.

Opinions differ on the question of using manure in the bottom of the bench, but as we see equally good stock grown under both methods and, alas, equally poor, it is evident that no arbitrary rule can be made. More depends on the man than the method and whether or not top dressing and feeding are to be practiced.

From experience the writer favors the use of manure if a good quality can be obtained. The best bench of Mrs. Bradt ever grown on our place had two inches of half rotted horse manure under six inches of rather heavy loam, a liberal sprinkling of bone meal being put over the manure. The fact of its being a solid bench underlaid with broken brick may have been a factor but it would seem, from the location of the roots when the plants were pulled out, that they found what they wanted at the right time.

Remember the plants when first set out are incapable of using much in the way of food, so I would advise leaving out bone meal until later; however, if the benches are deep no harm will result in putting it near the bottom.

Plants in the field, if to be housed early, should be topped very little if at all at this time. Time is needed for the shoots to mature somewhat before being lifted. Geo. S. Osborn.

TWO NEW ONES.

Among the new carnations to be introduced next year will be Glendale and Helen Goddard, both pictured in this issue. Glendale is a fine variegated sort raised by W. J. & M. S. Vesey and to be distributed jointly with the Chicago Carnation Co. It is a robust grower and seems a particularly fine summer sort, for the pictures reproduced were taken only a few days ago.

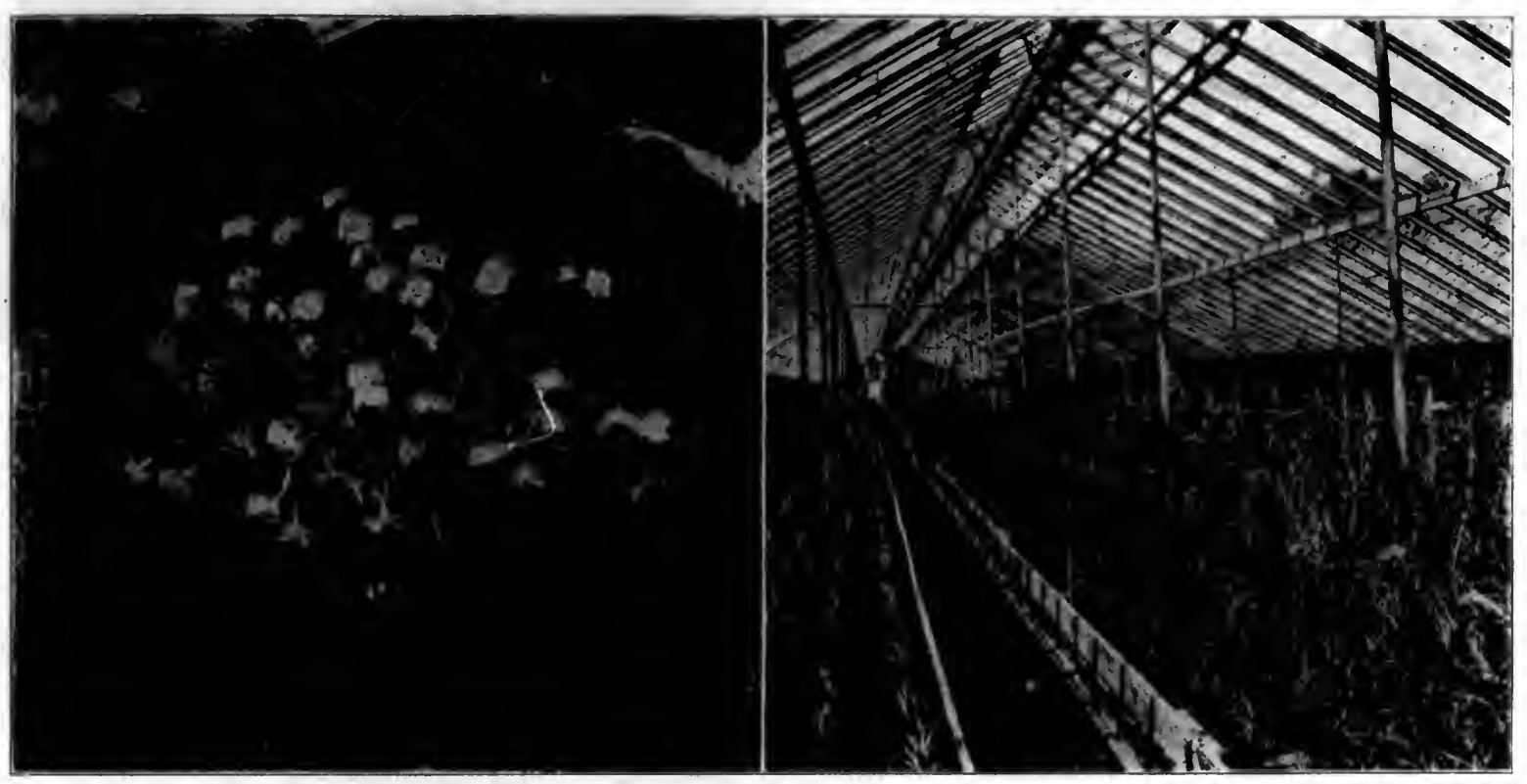
Helen Goddard is the result of a cross between Lawson and Crane. The raiser is S. J. Goddard, Framingham, Mass. The habit of the plant is about intermediate between the two parents. The flowers are of a rosy pink color somewhat lighter than Lawson and without any of the objectionable coloring peculiar to that variety. The stems are long and strong and burst calyxes are unknown. Helen Goddard has won an increasing number of admirers each time it has been shown in Boston.

AMERICAN CARNATION SOCIETY.

The American Carnation Society has issued the preliminary premium list for the exhibition to be held at Boston January 24 and 25, 1906. The general classes are identical with those of recent years, calling for 100, fifty and twenty-five blooms in the nine color divisions.



Carnation Helen Goddard.



A Vase of Carnation Glendale. A House of Carnation Glendale

Kodakery at the Establishment of W. J. & M. S. Vesey, Fort Wayne, Ind.

The Lawson medals and the S. A. F. medals are offered under conditions similar to those governing last year. Premiums of $50, $30 and $20 are offered for the best displays of commercial varieties, that is, varieties disseminated prior to April 1, 1905, fifty blooms to a vase and not more than twenty varieties to be shown. A. H. Hews & Co. offer a silver cup for the best display, four varieties, twenty-five blooms of each. Other special premiums will be offered in the regular list, which will be issued in November.

SOCIETY OF AMERICAN FLORISTS.

President Vaughan has made the following appointments: Exhibition judges, John T. Temple, Davenport, Iowa, chairman; Dr. A. S. Halstead, Belleville, Ill.; Joseph A. Manda, South Orange, N. J. Committee on prize essays: Benjamin Hammond, Fishkill, N. Y., chairman; Alex. Wallace, New York; Robert Craig, Philadelphia; sergeant-at-arms, J. D. Carmody, Evansville, Ind. WM. J. STEWART, Sec'y.

An Invitation.

The Secretary of Agriculture desires to extend the courtesies of the Department to the members of the Society of American Florists. The officers of the various bureaus of the Department will be glad to give information along their respective lines of work.

The Bureau of Plant Industry is conducting many lines of investigation which may be of interest to florists. A cordial invitation is extended to members of the society and their friends to visit the greenhouses and conservatories during the convention, to inspect the work on the improvement of plants by breeding and selection, and the work of studying plant diseases, especialy diseases of plants under glass. The trial grounds and testing gardens of the Bureau of Plant Industry will also be open for inspection at all times.

Special points of interest which the members may be desirous of noting are the testing plots on the Department grounds proper, the testing grounds on the flats located a mile south of the department buildings, and the Arlington farms, where various horticultural lines of work are under way. This farm is located near Arlington cemetery and is reached by trolley in about twenty minutes. The various laboratories will be open for inspection at all times and officers of the Bureau of Plant Industry will be delegated especially to show visitors the various lines of work under way.

For information of the visitors a fine collection of gladioli and other bulbous plants has been made and they may be seen growing at the department grounds.

J. R. FREEMAN, Vice Pres.

DEPARTMENT OF AGRICULTURE.

The annual report of the appointment clerk, of the U. S. Department of Agriculture, shows that the total number of persons constituting the body of the Department of Agriculture on July 1, 1904, was 4,504, an increase of 2,160 since July 1, 1897. In addition, there are nearly a quarter of a million special correspondents and reporters, who although receiving no financial remuneration from the Department, coöperate with it and render it much valuable service.

Since the Bureau of Plant Industry was organized, three years ago, the demand for more work has been so great as to require an increase of nearly fifty per cent in men and funds to conduct it. There are now about 500 workers, sixty per cent of whom are engaged in scientific investigation and its application to the farm, the orchard and the garden. The Bureau is endeavoring to train young men as rapidly as possible for this work. The agricultural colleges furnish a part of these men, but the demand for those with proper qualifications is still greater than the supply.

PROTECTING TANKS.

I am putting up a tank inside an unheated shed and would like to know how I am to keep it from freezing? B.

Nearly everybody who thinks of putting up an outside tank, wants to know how it is going to be protected from the cold. This is a natural question to ask, as the problem is of great importance and there are only a few who have it solved for them correctly.

Our long experience in this line of work and the careful attention we have given to this particular subject, thoroughly qualify us to protect any tank from freezing, even in the very coldest climate and where the tank stands for days and weeks without the water being stirred up. The tank itself we provide with a roof which is shingled over so as to thoroughly close up all joints, and inside of this we put a ceiling across the top of the tank, which is made of flooring boards, and tack down two or three thicknesses of heavy tarred paper over same. This makes a dead-air space over the tank. We construct one underneath the tank on the same principle.

Then the pipes, which are the greatest source of danger, are boxed in with two or three or four boxes, according to the climate, and the joints of these are sealed up with tarred paper, as above mentioned, and then we also use a special heavy felt and asbestos covering around the pipe or pipes; that is, put on with a canvas jacket and all then given a hot tar coating. Even then it is necessary to have the work done by thoroughly experienced and skilled mechanics, who will do a first-class, workmanlike job. W. E. CALDWELL CO.

WASHINGTON HOTELS.

The following list of hotels and rates is supplied by the hotel committee of the Washington Florists' Club:

The Shoreham, Fifteenth and H streets N. W., six squares from meeting hall; single rooms, one person, $2 per day; single rooms, two persons, $3 per day; room with bath, one person, $3 per day; room with bath, two persons, $4 per day; suites of parlor and two bedrooms with bath, $10 per day.

Arlington, Vermont avenue and H street N. W., seven squares from hall; $2 per day for each person.

Manhattan, 604 Ninth street N. W., European plan, one square from hall; for men only; $1 per day and upward.

Colonial, Fifteenth and H streets N. W., European plan, six squares from hall; single room, $1 per day.

St. James, Sixth and Pennsylvania avenue N. W., European plan, seven squares from hall;

single rooms, $1 to $2.50 per day; room swith bath, $2.50 per day; suites with bath, $3 to $4 per day.

Columbia, for men only, 1413 Pennsylvania avenue N. W., six squares from hall; room for one person, $1.50 per day; two persons, $2.50 per day.

Metropolitan, Sixth and Pennsylvania avenue N. W., seven squares from hall; American plan, $2.50 to $4 per day; European plan, $1 to $3 per day.

El Reno, opposite B. & O. depot, eleven squares from hall; single rooms, $1 per day; double rooms, $2 per day.

Johnson, Thirteenth and E streets N. W., four squares from hall; European plan, $1 per day and upward; American plan, $2.50 to $4 per day.

Cochran, Fourteenth and K streets N. W., seven squares from the hall; $1.50 per day, with bath $2 per day.

Fredonia, 1321 H street N. W., five squares from hall, American plan, single room $2 per day and up, double room $3.50 per day and up; European plan, single room, $1 per day and up, double room $1.50 and up.

National, Sixth street and Pennsylvania avenue, seven squares from hall; American plan, $2.50 per day, two in a room $2 per day; European plan, $1 per day and up.

Riggs, G and Fifteenth streets N. W., five squares from hall; $3 per day and up.

New Willard, Fourteenth and Pennsylvania avenue N. W.; $2.50 to $10 per day; S. A. F. members get discount of twenty-five per cent.

Ebbitt House, F and Fourteenth streets, five squares from hall, American plan, special rate of $2.50 per day, parlors and bath extra.

The Washington Florists' Club especially recommends the Shoreham, Arlington, Manhattan, St. James, Colonial, Metropolian, El Reno, Johnson, Fredonia, National, Riggs and Ebbitt House.



MULCHING.

Plants intended to produce exhibition flowers, and which were planted in May, are now at a point where feeding may be commenced, for they are showing by their pale color and smaller foliage that it will be beneficial. I find that in from eight to ten weeks after planting the bed is full of roots and a light mulch of half-decayed cow manure is a great help in maintaining a more uniform degree of moisture in the soil, as well as affording good nourishment for the plants.

Before putting on the mulch, apply a sprinkling of fine bone to the soil and ruffle the surface over with the fingers, being careful not to dig up the soil so deep as to break off any roots in the operation. Clean off any suckers that may be showing around the plants. This is best done by pulling them out rather than by using a knife, because the roots should be disturbed as little as possible.

I said use half-decayed cow manure, because it is entirely wrong to use it too fresh, as it will then do more harm than good, in consequence of the ammonia rising and burning the lower leaves. On the other hand, if it is absolutely decayed there is not much virtue left in it and, while it will serve a useful purpose in protecting the roots from the burning sun, it will not afford much nourishment to the plants.

If cow manure is not available, sheep or horse manure may be used, but more care must be exercised because they are much more caustic in their action and are apt to burn the roots. Whatever is used must be broken up very fine, so that it will lay close and be easily assimilated by the plants. One grower of my acquaintance mixed the fine siftings of peat with manure for a mulch last year and it worked excellently. Leaf soil is also a first-class medium for the same purpose if one has it or can readily procure it.

Liquid.

Liquid fertilizers are easily applied and cover a wide range and in their proper use is where the skill and care of the operator counts for more than anything, particularly in the use of chemicals. Of the chemicals the ones most generally used are nitrate of soda and sulphate of ammonia, though potash in the form of muriates, nitrates and sulphates, is used more or less.

We will take up this feeding question more in detail in a few weeks, but for the present with a mulch as recommended our plants will do well enough and only an occasional very light dose of any chemical should be given. One ounce to four gallons of water is plenty strong enough to begin with and it should always be borne in mind that lighter and more frequent feeding is very much to be preferred to heavier doses, which rot the roots and do far more harm than good.

Watering.

Watering during the intense heat we have been experiencing of late is quite a proposition, particularly with pot stock, which has called for water several times a day. As the plants in the benches grow taller and branch out, they shade the center of the bench considerably and it is well to remember this in watering, because the sides and ends of the bench, which are exposed directly to the sun and air, need considerably more water than the shaded portion and to water all alike is to invite leaf spot in the middle rows of plants, from which it will soon spread to all the rest.

Frequent and copious spraying is necessary in order to keep the temperature down to a reasonable point and if this is not done the plants suffer very much under torrid conditions as we have been experiencing of late.

Charles H. Totty.

CHRYSANTHEMUM SOCIETY.

The following special prizes are offered, to be competed for at the next annual exhibition of the C. S. A., to be held in Philadelphia, November, 1905:

Vaughan's seed store offers a silver cup, value $25, for the best specimen of bush chrysanthemum plant, grown by a private gardener, which has not received any other award.

H. W. Buckbee offers the H. W. Buckbee trophy, a silver cup, value $25, for the best ten chrysanthemums, one variety, open only to American and foreign introductions of 1905 and varieties not yet in commerce.

Fred H. Lemon, Sec'y.

VIOLET GROWING.

By B. T. Galloway.

Improvement of Stock.

For one who intends to make violet growing a business it is absolutely essential that early attention should be given to the improvement of the stock. No matter how good the stock may be when purchased it is not so good as that which the grower himself may develop. In fact, the best growers never sell their most desirable stock; hence, the beginner must always put up with second or third rate plants, unless he can make some special arrangement otherwise.

The average number of blooms from commercially grown violets is about fifty per plant. There are many plants that will produce in a season 100, or even as high as 125 or 150. Just as soon as the grower has his house filled with plants the first season, he should make plans for careful selection of his next year's stock. The most vigorous and best-growing plants should be marked, and a record should be kept of the number of flowers picked from these plants. By continuing this practice and propagating only from the plants yielding the greatest number of flowers, in four or five years the flowering capacity of the plants may be largely increased. Not only may the number of flowers per plant be increased, but the size of the flowers, length of stem, and odor may be greatly improved.

Money Value of Selected Stock.

These may appear to be small matters, but they are really vital ones having to do with the success of this sort of business. If 2,000 plants yield an average of fifty flowers per plant, it will give in the course of the season 100,000 flowers. The average can be increased to 100 per plant in five years by judicious selection, and it will cost no more to grow stock that will yield 100 per plant than it does to grow those with fifty. The only extra cost is in the matter or picking and bunching. Soil, fertilizer, heat, and labor are otherwise all practically the same. The time required to mark the violets as picked is insignificant as it is done when the grower is going over his plants anyway and by having a label tied to the plant nothing is required except to put down the actual number picked and the date.



House of Sweet Peas and Violets as Grown by William Sim, Cliftondale, Mass.

Not only may the number and size of the flowers be increased and the length of stem improved, but the time when most of the flowers are developed can be changed. Normally the heaviest pickings of the violet occur during November, March and April. During these months prices, of course, are always lowest. For the most profit the heaviest pickings should be in December, January and February. It will be found in marking the plants and dates that certain plants will give a large number of flowers in December and January and a comparatively smaller number during March and April. Continuous propagation from such plants will eventually have a tendency to change the flowering habit, which would be of marked advantage to the grower. Other things being equal, if the season for the greatest number of flowers could be changed to the scarce months, it would just about double the profits. This is certainly an item worth working for.

Cost and Profits.

In conclusion, a few words in reference to the cost and profits in the growing of this crop may not be out of place. Of course, any statements on these subjects must necessarily be general. All things considered, however, it may be said that violets can be grown at a total average cost of about 10 cents per plant. This seems the most satisfactory way of expressing it. Ten cents per plant will cover all items, such as fair interest on investment, fuel, labor, soil, fertilizers and all incidentals. As already stated, the average yield of a violet plant is about fifty flowers, but it should be double this. On the basis of fifty flowers, however, the average price for the season should not be less than 75 cents per hundred, or 37½ cents per plant. At an average price of 60 cents per hundred, which is a low average, the production per plant would be 30 cents, or a net profit of 20 cents per plant.

Ordinarily, taking it from season to season, the low average wholesale prices of violets will run about as follows:

October	$ .50	per hundred
November	.50	" "
December	1.00	" "
January	.75	" "
February	.50	" "
March	.50	" "
April	.50	" "
Average	.60	" "

With proper management, however, and the growing of good flowers the wholesale prices should run as follows:

October	$ .50	per hundred
November	.75	" "
December	1.50	" "
January	2.00	" "
February	.75	" "
March	.50	" "
April	.50	" "
Average	.90	" "

It is not necessary to comment further on these figures, as they speak for themselves. Retail prices will be about double those mentioned above.

We have emphasized all along the absolute necessity for strict attention to business methods. The more I come in contact with workers in these fields and the more I study results, the more convinced I become that success is not always dependent on knowledge or ability to grow stock, but it is largely dependent on good business management. It is not the big things that make the difference between success and failure, but it is the cumulative effect of the little things. The field is one which any good man can develop and make profitable if he goes about it in the right way.

TROUBLE WITH ANTS.

I have been bothered with black ants getting into flower beds where there are coleus, geraniums, cannas, etc. Can you tell me what I can do to get rid of them without hurting the plants?

R. A. P.

These little creatures appear to be very troublesome. Several things will destroy them, but will also kill the grass or any vegetation where the ants are working.

Edward Snow, of Sayre, Pa., writes me as follows: "To destroy ants use tar water applied with a sprayer. You will find it will be effectual in getting rid of your ants. Use genuine pine tar or a solution of it. If you cannot get pine tar you can use oil of tar in solution. Be careful not to make it too strong should you use the oil. Do not use gas tar under any circumstances." Mr. Snow adds: "If I have not made my idea plain, just write me and I will cheerfully respond." Now I am sure if Mr. Snow would send the REVIEW the exact formula for using the tar, method of applying, etc., it would be a great service, not only to the above inquirer, but to hundreds of others. Mr. Snow, please do so, and oblige

W. S.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the REVIEW's page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

July 22—Etruria	Liverpool.
July 22—Pennsylvania	Hamburg.
July 22—Philadelphia	Southampton.
July 22—Kroonland	Antwerp.
July 27—Cretic	Naples.
July 27—La Lorraine	Havre.
July 29—Zeeland	Antwerp.
July 29—Caledonia	Glasgow.
July 29—Campania	Liverpool.
Aug. 1—Kronprinz Wilhelm	Bremen.
Aug. 2—Rotterdam	Rotterdam.
Aug. 2—Teutonic	Liverpool.
Aug. 3—La Touraine	Havre.
Aug. 4—Celtic	Liverpool.
Aug. 5—St. Paul	Southampton.
Aug. 5—Finland	Antwerp.
Aug. 5—Konigin Louise	Naples.

SWEET PEAS WITH VIOLETS.

The sweet peas shown in the accompanying illustration were planted the first week in November, 1904, in rows

along the line of supports among the violet plants, which are to be seen at the base of the vines in the picture. The violets had been planted since the beginning of October. They were grown along at 42 degrees until the middle of March, when the temperature was increased to 50 degrees. The photograph was taken the first week in April. The varieties are Earliest of All, Mont Blanc and Earliest Sunbeams. Wm. Sim.

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Mr. and Mrs. Sim and two members of the next generation, wide-awake boys, who, we hope, will prove worthy helpers to their father in a few years, are seen in the domestic picture, taken on a portion of the well kept lawn.

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There is great variety in the country around Washington and the possibility of reaching it with minimum expenditure of time and effort makes its exploration open to all. Passing from the Longnborough road through Tenleytown to Chevy Chase and from thence to Rock Creek park to Fourteenth street, one will have observed in panorama almost every variety of landscape, from the extended view to the closed vista, from the rolling pasture to the sun-bedabbled wood.

It is possible for a person of moderate strength to walk over most of this territory and for the camera huntsman or the artist no more fruitful territory could be found. Since bicycling and the bathing beach are as well known by the general public as by the small boy, one needs no exploitation, but there are certain urban pleasures which may well be remarked.

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Mr. Bacho has made a number of private demonstrations in this city, and claims that he has solved the problem, not by chemically treating the bush or flower, as some have done, but by treating the soil with chemicals. He claims that his black rose will live longer after plucked than the ordinary rose, and that he finds that life is prolonged by plucking a small piece of the stem off every few hours and submerging in salt water.

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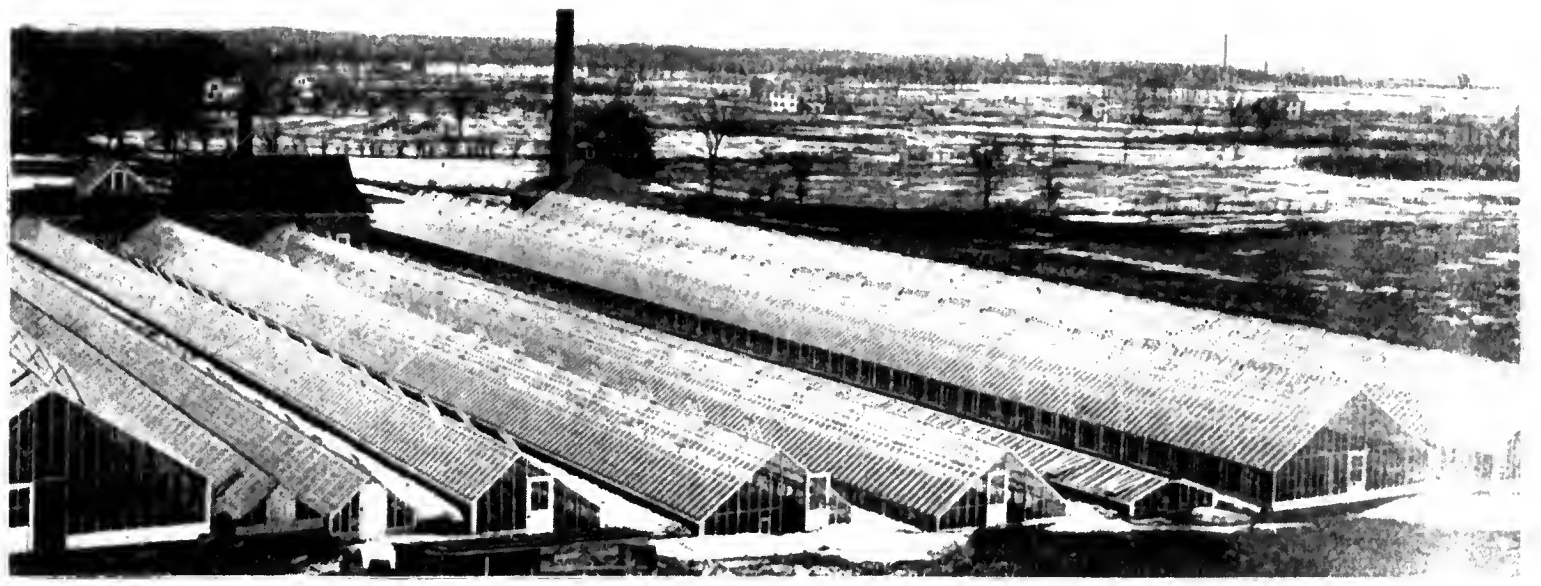
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Fred W. Bacho, a young practicing attorney of this city, who claims to have discovered the secret of growing a black rose, and for which the North American Nursery Association has a standing reward of $10,000 to the person discovering the secret, will leave Mobile for Detroit, Mich., on July 22, to arrange for demonstrations of growing the black rose the coming fall. There will be two competitors besides Mr. Bacho for the reward. One is J. Lapsley, of London, England, and the other a Savannah, Ga., man.

Lapsley has named his rose the "Rose of Sorrow," while Bacho has selected the name of "Good Friday Rose" for his flower. In referring to his discovery Mr. Bacho stated today that he has demonstrated beyond doubt that he has discovered the secret of growing the flower and is confident that he will win the prize money offered by the nursery association. "I am willing to wager a thousand dollars that I win the prize," said he, by way of emphasizing his claim of possessing the secret. To conduct the demonstrations he has purchased an acre of land in Jackson county, Mich., 100 miles from Detroit. The soil is said to be ideal for the purpose for which it is intended. At the demonstrations will be several northern men who have taken an interest in the claims of Mr. Bacho and who have agreed to give him all necessary financial backing if the demonstrations prove successful.

Mr. Bacho has made a number of private demonstrations in this city, and claims that he has solved the problem, not by chemically treating the bush or flower, as some have done, but by treating the soil with chemicals. He claims that his black rose will live longer after plucked than the ordinary rose, and that he finds that life is prolonged by plucking a small piece of the stem off every few hours and submerging in salt water.

STORIES I HAVE HEARD.

I HEARD a story once of a "florist" who was "the real thing" and who could count on the fingers of one hand the other "real florists" in a certain large city. When this party was "under the influence," which did not average more than ten hours out of the twenty-four, he would develop an overpowering indignation at the way "the profession" had "gone to the dogs." "There's Smith," he would bawl, "he's no florist, he's a boiler-maker; there's Jones, he's nothing but a carpenter; and Brown, the president of your club, he's only a cowboy," etc., down through the list. I was reminded of this story on reading some excellent cultural teachings written by a gentleman who was once cashier in a hotel bar. The ranks of the trade have certainly been recruited from every walk in life.

* * *

I HEARD a story once of an "Ideal Employer" whose tart response to the excuses of the foreman for the error of an employee who had been ill but kept at work, was: "This place is no hospital!" and when later the foreman protested against having given him as an assistant a man who was a good grower but notoriously unreliable, replied: "Well, the man's got to live!" The foreman pondered some time on this "consistency" and later resigned.

* * *

I HEARD a story once of a florist who must have had some instruction from the Priests of High Finance. He had an establishment in a town located on a body of water that divided two states. His financiering had been so "high" that finally a writ of execution was issued late one day and the next morning an officer started out to the place to levy on the greenhouses and contents (the land not being owned by the financier). All the officer found to levy on was the hole where the boilers had been. Everything else had been loaded on to flat boats during the night and removed to the adjoining state.

* * *

I HEARD a story once of two men, one a florist and the other a fruit dealer. They rented a store together, each taking one side. They soon agreed to disagree and as the fruit dealer succeeded in getting a lease for the whole store from the owner, the florist had to move. The fruit dealer didn't need the additional space in his business so he put in a stock of cut flowers and retained the old appearance of the store as nearly as possible. The next day a customer ordered a large standing shield of carnations and roses with certain lettering on same. The fruit dealer was an observing fellow and had seen many designs put together during the joint occupancy of the store. He had a boy that knew how to stem carnations. He laid the wire frame on the counter, mossed it and proceeded to business. It was not bad for a first attempt, so he shook hands with himself and told the boy to stand it up so he could better observe the effect. The boy did so, but all the effect the fruit dealer got was a wire frame to which clung shreds of tin foil and moss. The flowers were on the floor. He had neglected to tie in the moss.

* * *

I HEARD a story once of a store florist who was "very lucky" in "games of skill." Poker was his best "holt." He looked after the "little things" in his business, and after paying his clerks he would let them "sit in" to a "little game" in the back room. As a result the bulk of their wages would find its way back into the till and they would thus be kept from squandering their coin in undesirable ways. But, alas, there came a time when the game went against the employer, whereat he arose in great wrath, threw the cards and chips into the stove and virtually vowed that there would be no more gambling in his place.

* * *

I HEARD a story once of a man who dealt in bulbs. A syndicate had been formed to control the entire output of a certain kind of bulb much used by florists. The syndicate contracted with all the important growers and fixed certain selling prices to the trade. In the face of these conditions the man mentioned took orders for large quantities of these bulbs at reductions from the syndicate's rates. He evidently figured that if he had a goodly share of the orders the syndicate would have to come to him and accept his terms. The season for delivery arrived and grew stale while the syndicate waited for the man to be good and maintained its schedule. The man continued to wait for the syndicate to "bust." But it didn't. It finally shipped all its surplus to other countries and the hero of this tale was left to explain to his customers why he failed to deliver the goods. BILLY.



Establishment of Max Herzog, St. Louis, to be Demolished.

THE HERZOG PLACE.

The accompanying illustration is from a photograph of the Max Herzog place, one of the best known establishments in the vicinity of St. Louis. The real estate was recently sold to the Frisco railroad and William Meyer, of Kirkwood, has bought all that stands on the land. He will tear down the house, after removing the contents, and re-erect them at his own place in Kirkwood. Mr. Herzog will take a long vacation before deciding on his future, but will keep an eye open for a good opportunity to re-engage in the business.

MODERATION DESIRABLE.

In view of the proclivity of many cut flower and plant shippers to file claims, sometimes exorbitant, against express companies when responsiblity for loss cannot be clearly shown, the suggestion of E. Albertson, president of the American Association of Nurserymen and last year chairman of its transportation committee, may be of interest. The nurserymen have been having their own troubles because the railroads have been changing the classification of nursery stock in such a way as to effect an increase in freights. Here is what Mr. Albertson says:

"We would also advise that shippers should be more conservative in filing their claims against the railroads, filing claims only where serious losses caused by incompetency or grave neglect have occurred, and then only for actual loss at wholesale prices. The fact that so many and exorbitant claims have been and are being filed is largely the cause for unfavorable changes in the classifications, and is one of the hardest points to overcome in trying to secure concessions.

"You know how it is when some customer comes in with a big claim that you know to be unreasonable, and you feel that you are being held up. In future dealings with such parties you are not inclined to make many concessions.

"It is the same with the railroads; the officials are working for the companies employing them and are working for their interests. Yet as a class there are no nicer men or more reasonable than railroad officials. And when shown that there are inequalities in their classifications which are a burden, curtailing business, and that what shippers want is to harmonize these and by certain changes increase their business, working to the mutual advantage of both,—we will have less trouble in having our petitions favorably acted upon.

"A number of the largest eastern shippers have stated to writer that all of the claims they ever collected have not amounted to ten per cent of additional freight they have had to pay under the increase on boxes from third to second class, and that to secure the return to third class they would be large gainers were they to waive all claims. Yet there is little doubt that the filing of so many claims was the cause of the change."

It will be remembered that when the express companies increased the rate on cut flowers, three years ago, it was reported that one cause for the act was the great number of claims filed against them. During the time the increase was in force it is quite probable that the sum realized from it was more than the cut flower shippers had ever collected for losses.

CULTURE of Grafted Roses sent on receipt of 25c.—FLORISTS' REVIEW.

PHILADELPHIA.

The Market.

Good flowers are by no means easy to obtain. Considerable hustling is often necessary to secure satisfactory stock for the orders. Carnations are very scarce. Sweet peas are succumbing to the heat. Asters are increasing in numbers, but until Semple's appear the buyers do not enthuse much over them. Roses are the chief standby, with valley, lilies and a very few orchids as aides.

A Piece of Enterprise.

The Floral Exchange is to be congratulated on its success in presenting the Crown Prince and Princess of Germany with a bouquet of their fine Queen of Edgely roses on their wedding day, June 6. The flowers were shipped on Decoration day, on the S. S. Kronprinz, and on their arrival at Bremen were taken at once to Berlin, where our ambassador, the Hon. Charlemagne Tower, presented them to the royal couple, from whom a note of thanks has been received. The gift was a graceful tribute from the president of the Floral Exchange, D. Fuerstenberg, to his one-time sovereign. Owing to the duties placed on plants and flowers by Germany this present was only made possible through the efforts of the German ambassador to this country, Baron Speck von Sternberg.

A Bit of History.

Four passengers were traveling from Baltimore to Washington one day in the spring of 1888.

"What shall we do to make the convention interesting?" one of them asked his companions.

The speaker was Robert Craig. With him were John N. May, Robert J. Halliday and J. G. Whilldin.

"Adopt a standard flower pot," Mr. Whilldin promptly replied.

They all agreed that this was the very thing. All had felt the annoyance of one man's 6-inch being another man's 7-inch and were eager to do away with the evil. The convention at New York that summer recommended a uniform standard of sizes to all manufacturers of flower pots. These sizes were first planned as outside measurements, but were afterward changed to inside measurements. Two years later, at "dear old Boston" in 1890, the Whilldin Pottery Company won the society's certificate of merit for its exhibit of one dozen pots of fourteen different sizes, all that were then made that would most closely conform to the standard in every respect. The competition for this prize was very keen.

There is no question that this action of the S. A. F. in adopting a standard flower pot has been of incalculable benefit to the entire florists' business.

Various Notes.

The Whilldin Pottery Company has added the next door building to their large plant at 715 Wharton street. This will increase their capacity twenty-five per cent. Business with them is excellent.

Lawrence Thompson, of Kennett, has now a thoroughly equipped, modern plant for carnations and mushrooms. He has just received two large Lord & Burnham, or should I say Burnham-Hitchings-Pierson, boilers?

Charles E. Meehan and family are in their cottage at Ocean City.

Philip J. Hauswirth, of Chicago, was in this city last Friday.

H. Bayersdorfer and family are expected back from Europe on Monday.

D. T. Connor is now envoy extraordinary and minister plenipotentiary for the triple alliance here.

Eugene Bernheimer is receiving some nice tea roses. He reports a good demand for galax leaves and a fine catch of fish on his brief fishing trip at Beach Haven.

Edward Reid is going to the convention.

D. Fuerstenberg is traveling in California.

The Pennsylvania Horticultural Society held the July meeting last Tuesday. The perennials were a feature.

John Weston is away on his vacation.

J. A. Smith had some good fishing at Anglesea.

Alfred Burton had a delightful house party last week to celebrate the completion of the new range of greenhouses. All employees and a few outsiders enjoyed Mr. Burton's hospitality.

Walter P. Stokes entertained the employees of his firm, Johnson & Stokes, last Saturday. The party went by boat to Riverton, driving from there to Floracroft, the Stokes place, where they dined and had a splendid time.

M. Rice & Co. have a most effective display room for their screens in their first floor gallery. Mr. Rice has just completed his new "katalog."

The Philadelphia Cut Flower Company is busily engaged in altering and house cleaning in anticipation of welcoming their friends in August.

PHIL.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

MANKATO, MINN.—N. Neilsen will rebuild his greenhouses at a cost of $1,000.

SEYMOUR, CONN.—Charles Doll is leaving town and has sold his greenhouses to Mrs. W. L. Smith, who will carry on the business.

COCHRANVILLE, PA.—A. B. Campbell has bought the three large greenhouses of Carter Bros., at Chatham, Pa., and will remove them to his place here, where they will give room needed for increasing business.

BOSTON.

The Market.

Conditions during the past week were worse than for several years. With maximum temperatures of 90 to 96 degrees in the shade during the whole week, this condition of things is not at all surprising. To quote prices is almost impossible. Sellers were pleased to accept what any one would offer and felt lucky if they cleared out at any price. Large quantities of stock in the market were either unsold or given away and many growers wisely decided not to trouble taking in any flowers during the hot wave. Roses and carnations were each sold as low as 10 cents per hundred and really good sweet peas were begging for a purchaser at 50 cents per thousand.

Conditions this week show a slight improvement; less stock is arriving and very little of it is of good quality. Roses of the better grades are hard to find, while carnations have dwindled in size woefully. Enchantress and Prosperity now come almost white but Fair Maid holds its color well. Prices vary all the way from 15 cents to $1 per hundred, very good stock bringing about 40 cents. Sweet peas, owing to the heat and drought are coming much shorter-stemmed; 10 cents per hundred seems to be the top price. Lily of the valley remains fairly firm. A few asters are appearing. For these and other flowers demand is very light.

Various Notes.

The markets, wholesale houses and retail stores have a holiday appearance these days. Quite a number of employers and employees are away on vacations and business all around is at about its lowest ebb.

Bernard McGinty, salesman at the Park street market for Montrose Greenhouses, has been engaged by N. F. McCarthy & Co. to take charge of their wholesale cut flower department. Mr. McGinty had been planning to go into the commission business on his own account in September.

Wm. Nicholson is busy housing his carnations. Stock outdoors looks well. A large batch for summer blooming was staked up and already coming into flower. He finds Fair Maid gives him better returns than Enchantress.

S. J. Goddard's new seedling carnation, Helen Goddard, looks fine in the field. This variety will be introduced next season and Mr. Goddard already has many orders for it. The Massachusetts Horticultural Society awarded it a first-class certificate last winter and it was shown at Chicago and scored well.

The principal horticultural attraction just now is the coming picnic of the Gardeners' and Florists' Club at Randolph grove on July 25. Electric cars from Boston to Mattapan or Milton going to Brockton pass the grove. As many as possible will arrive at 10 a. m. and sports will start at 10:30. There are twenty-four events in all, the baby show, perhaps wisely, coming last. A cordial invitation is extended to outside friends to join in the picnic, for which there is no charge whatever, and a first-class time is assured.

An exhibition occurs at Horticultural hall on July 22. During August weekly shows will be held.

E. O. Orpet has some nice little seed-

ling odontoglossums which have come through our recent hot wave all right and will, we hope, flower for the raiser in a few years.

An out-of-town grower carried in 2,500 carnations and about the same number of sweet peas to one of the markets on July 13. He says he had 75 cents left after his car fares were paid. Spent half the day trying to sell them and naturally went home a trifle out of sorts. Others have fared about as badly.

Recent rains have greatly helped carnations in the fields. Many growers are already starting to house.

Not much convention talk is heard this hot weather. The impression that Washington is a very warm city will probably deter some from making the trip; still Boston will send a good representation.

W. N. Craig.

NEW YORK.

The Market.

Very little can be added, in the way of a market report, to what was said a week ago. We have had the warmest ten days New York has ever experienced in July. But, after all, one might as well take an optimistic view of things. The condition of the market is not particularly unusual. It always seems a little worse each year when the dog-days arrive and the accumulations of unsold flowers pile up in the ash barrels; but it is the same old story every year, and, while the new merchants feel this condition of things keenly, the old stagers look upon it philosophically, and go right on with their work unmurmuringly, knowing that before long the clouds will lift and business boom again.

The asters have arrived. Not the John Jacob Astors of "the 400," but the asters of the 400,000, for that is about the quantity we may anticipate to reach this market weekly. There will be room for all the perfect flowers that come, but imagine the finish of the rank and file, especially the rank! The wholesalers are already gritting their teeth in anticipation of their troubles. Gladioli, also outdoor-grown and undeveloped, are coming in floods. It is a question how all will be disposed of to the satisfaction of everyone concerned. Certainly New York will this summer be headquarters for this flower.

The week opens with a more comfortable condition of things in every respect. The Newport season has begun and the demand from there for good flowers promises to be extensive. Orchids, especially, and American Beauties are in demand. Much of the rose stock arriving now is inferior. Carnations are neither plentiful nor of good quality. Those that are perfect sell well. Now that the wedding season is over valley goes begging. Nobody wants sweet peas. Hollyhocks and dahlias have appeared. Wholesale stores close from noon to dewy eve. Most of them are locked at four o'clock. Redecoration of the stores is in full blast.

Various Notes.

Twenty-eighth street will swarm this winter with wholesale firms new and old. It is too bad that at this centre some Crœsus of horticulture does not build an edifice capable of accommodating everyone in this branch of the trade. There could be no doubt of the wisdom of this centralization and of the general acceptance of the opportunity by every enterprising man in the business. Here, too, in a large enough building, might be located club rooms that would be a credit to the organization. But these are dreams which some of us may not be here to see realized.

An interesting announcement for American floriculture is our world's fair in 1909, which will celebrate the three hundredth anniversary of the discovery of the Hudson river and which it is now claimed will be the greatest international exposition the world has ever seen. It will open in September, 1909, and already committees have been appointed. Magnificent structures will be built with a view to permanency.

The exodus to Europe is not yet over. Last week Fred Atkins, of Rutherford, was a passenger on the Staatendam, making a business trip. Many of those now in Europe expect to be home in time for the convention.

The transportation committee of the New York club is busy at present, making final arrangements for the special train and its conveniences for the enjoyment of its members and visitors at the national convention. Everybody in the vicinity of New York will be welcome and there seems no good reason why four or five cars should not be filled with vacation enthusiasts who are postponing their annual outing so that it may include this delightful opportunity of visiting the capital.

It was not Thomas Sharkey who entertained the stork last week, but John F. Sharkey, of the Thomas Young, Jr., Co. Mr. Sharkey and his increased family will leave early in August for their annual sojourn in the mountains.

Louis Futterman, of Gunther's, is at Rockaway for a couple of weeks. John A. Foley, manager of the N. Lecakes Co., is also spending his leisure with his family at Rockaway.

George Hildebrand, John Young's lieutenant, is at Darien, Conn., for his vacation. Among the others who are resting are James Coyle, of Gormley's; Arthur Hunt, of Langjhar's, and Thomas Miller, of Sheridan's.

An Irish world's fair is announced by the city papers to be held this fall in Madison Square Garden. Exhibits from the "old country" are being arranged for. This show will doubtless come in competition with the fall show of the New York Horticultural Society. The Killarney rose will get a well merited boom at the Irish exhibition.

W. F. Sheridan, John B. Nugent, Jr., and John Young compose the transportation committee of the Florists' Club, and all intending to go to Washington should send the committee word at once, so complete arrangements for the comfort of everybody may be assured.

His many friends sympathize with Arthur Merritt, of Thorley's, in the loss of his eldest son, a young man of 15 years, who died of appendicitis Monday.

Louis Siebrecht, of Floral Park, N. Y., who for thirty-three years has conducted a florists' business there, died on Thursday, after a long illness. He was a relative of Henry and William Siebrecht, of New Rochelle and Astoria.

The Greenhouse Co., the incorporation of which was announced in last week's Review, has lost no time in getting to business. They have taken over the plant of the Phillips Mfg. Co., in Jersey City, and are reported to have already booked a number of contracts. They have $200,000 capital stock and aim to be a large factor in the greenhouse building business. W. R. Phillips is president of the company and many of his associates and employees have much experience in the business.

The retail windows on Broadway and Fifth avenue these days are wonderfully alike. Most of them have a vase of red gladioli. A few have a background of Scottii ferns. Some have only the fern, simple, restful and sufficient.

White roses were very scarce Monday, hardly any in the market. The best Beauties touched $20 per hundred, fine asters $2 and good carnations brought $1 easily. There is no doubt last week's prices were bottom. When things cannot get any further down they must improve.

The reporter who saw 1,000 orchids used last week by one house, in some funeral designs, was looking through his magnifying glass. Half that quantity would be nearer the facts. The designs were wreaths and a huge broken column, the latter quite unique as to the flower used for the design, but not otherwise remarkable, unless the price obtained for it made it so. It was backed with sago leaves and filled with smilax.

H. Herrmann, the supply man, is back from Germany with new designs and immenso stocks for the fall season. He will have an exhibit at the convention.

J. Austin Shaw.

Photographs.

SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is, clear in detail. Be sure to write your name and address on each one.

CHICAGO TO WASHINGTON.

Arrangements have been practically closed which will enable the S. A. F. delegation from Chicago to attend the convention, joining the Detroit and perhaps other delegations via the Wabash, and secure the desired stopover of ten days at Philadelphia at about the fare and one-third rate. Further particulars will be given next week or on application to P. J. Hauswirth, 227 Michigan avenue, Chicago.

HAIL INSURANCE.

The annual report of the secretary of the Florists' Hail Association will show over 23,000,000 square feet of glass insured. August 1, 1904, the aggregate insurance was 20,674,358 square feet.

SPECIAL FANCY BEAUTIES

Best the Market Ever Saw in July.

We never saw their equal in summer—right up to winter quality in color, size of bud, stem and foliage. You will like these Beauties and **we want your order.** We have a big cut on. Mostly long stems.

GOOD ROSES AND GOOD CARNATIONS

are in limited supply on this market at present—we have a fair cut, but get your order in early in the day to get the best selections.

Plenty of good stock in all other lines. "Green Goods" that can't be beaten. Send to us for what you want and you'll get the best stock in the market.

FANCY VALLEY ALWAYS ON HAND

We close at 5 p. m. during July and August.

AMERICAN BEAUTY.	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4 00 to $6.00	
	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Chatenay	3 00 to 6.00
Kaiserin, Golden Gate	3.00 to 6.00
Liberty	4.00 to 8.00
Carnations	1.50 to 2.00
Asters	2.00
Valley	4.00
Auratums	per doz., $1.50
Easter Lilies	per doz., 1.50
Sweet Peas	.40 to .50
Feverfew	per bunch, 25c to 35c
Gladioli	3.00 to 5.00
Shasta Daisies	.75 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze	per 1000, $1.25 .15
" green, new crop,	" 1.00 .15
Adiantum	.75
Smilax	per doz., $1.50 10.00
Fancy Ferns	per 1000, $1.00 .15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **Chicago, Ill.**

CHICAGO.

The Market.

Several factors have operated to bring about a considerable change in market conditions since last report. The wholesalers are unanimous in saying that trade is excellent for July, some houses even going so far as to state that they have already done as much business, measured by dollars and cents, as in the whole of July last year. At the same time the retailers tell the old story of no summer business except funeral work. It is the shipping demand which is helping the market.

Receipts are now probably at the lowest ebb. There is little really good material coming in and receipts of all qualities have been curtailed by replanting operations, so that everything of usable quality is being cleaned up at prices which average excellent for July.

One or two houses continue to have good cuts of Beauties, but the general supply has shortened in keeping with everything else and prices have stiffened. Medium lengths are especially scarce. Really good Brides and Maids are hard to find but there is a fair cut from young stock, of course not very large or strong, which sells readily at from $2 to $4 per hundred. Bride is particularly in demand and the cut from old plants, what few are left, if clean, sells quickly at good prices. Kaiserin sells on sight. Liberty is not so much in evidence. Chatenay has lost value, as a large part of the receipts are full blown and unusable except for immediate working up in funeral designs.

Nearly all the growers have thrown out carnations preparatory to replanting and receipts are light. White is in especially strong demand and difficult to supply. Outdoor carnations are beginning to make their appearance, but are yet of poor quality. A few asters are coming in and are generally good, considering the recent rains. They are selling up to $2 per hundred.

Sweet peas are making better prices, in keeping with other items, and outdoor flowers are all selling better than they were. Auratum lilies move readily and a few Lilium album and rubrum are useful in funeral work. Candidum is gone. Valley is in fair demand.

There continue to be large receipts of green goods with a slow market. Green galax, new crop, has arrived earlier than usual.

Various Notes.

Sophia Albertina Samuelson, mother of Charles A. Samuelson, died on Sunday, aged 75 years. The funeral was held on Tuesday afternoon, from Mr. Samuelson's residence, 2116 Indiana avenue, interment being at Oakwoods.

W. J. Smyth and family came home very unexpectedly from Lake Marie, because of a death from diphtheria in an adjoining cottage.

A. C. Kohlbrand, of E. C. Amling's, is at his old home in Cincinnati for a two weeks' visit, accompanied by his wife and daughter.

Kennicott Bros. Co. is receiving some nice Lilium album and roseum, the first seen in the market.

E. C. Amling reports a very fine demand for Beauties, the price having stiffened somewhat in the last few days.

The marriage of Miss Anita Wilkins and Leonard H. Vaughan took place Monday evening at the First Presbyterian Church, in the presence of several hundred guests. The ceremony was followed by a reception at the home of the bride's parents. Mr. and Mrs. Vaughan will sail for Europe on Saturday to be absent three months.

Mrs. Horton is again at her desk at Bassett & Washburn's after a few weeks' vacation.

F. W. Timme has returned from a ten days' outing at The Dells of Wisconsin.

The Rookery building is far from what its name would imply. The rotunda is of white marble inlaid with gold leaf and the staircase is set off by two large Boston ferns recently placed in the marble vases. They are a fine addition and the use of plants in the large office buildings is one which might profitably be encouraged.

Weiland & Risch have Killarney and Richmond among their rose novelties for next season. Plants of both are making a fine growth.

George Reinberg will have, besides stock for planting his own place, about 125,000 field-grown carnation plants for the trade. His stock is growing finely.

Mr. and Mrs. P. J. Hauswirth returned on Sunday from a week's visit at Buffalo.

Mangel is out with a new automobile delivery wagon with plate glass sides.

Vaughan & Sperry are receiving large quantities of gladioli from an Ohio grower. The bulk of them are moved

SEND TO US FOR

All Your Needs

WE shall have during the summer, as always, everything to be found in any cut flower market at the season. Send us your order, no matter what you want. We have a reputation for filling orders when others fail.

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE FLORISTS

40-42-44 Randolph Street, CHICAGO.

WE HAVE 3000

White Peony Plants

such as we can recommend to be grown for cut flowers. If you want the right kind of plants write to us about these. : : :

at the rate of three dozen for a dollar, with some waste of the darker sorts.

The Florists' Club has a new button to wear at the convention.

Zech & Mann have large receipts of auratums and report brisk sales. John Zech is wearing a pair of blue glasses, because of trouble with his eyes.

Wm. Kidwell, better known as "Billy," is at Onekema, Mich., on a fishing trip and writes N. J. Wietor, disciple of Isaak Walton, that the pickerel are biting well in spite of high water.

J. A. Budlong has begun shipping field-grown carnation plants. He reports a big call for Boston Market.

Gus Ahlers is again on duty at Wietors' after his annual period for resting up.

Among the week's visitors have been B. Eschner, of M. Rice & Co., Philadelphia; H. Krinke, of St. Paul, who is on his way to Germany; George Hunt, of Terre Haute, who was here to consult an oculist; Ludvig Mosbaek, Onarga, Ill., who sells so many bedding plants; Geo. Galloway, florist and undertaker, of Menominie, Wis.; C. W. Johnson, Rockford, Ill., buying stock for H. W. Buckbee's new range.

PITTSBURG.

The Market.

Summer is here in earnest and we are experiencing some extremely hot weather, with a thunder shower almost every day, and, as a result, good stock is out of the question and business does not cut any figure; many of the store people are trying to amuse themselves.

Various Notes.

The Pittsburg Rose & Carnation Co., in drilling for gas, struck oil and last Friday quite a good-sized party were at Bakerstown, including P. S. Randolph, E. C. Reineman, E. C. Ludwig, Arthur Langhans, T. P. Langhans and W. A. Clarke and wife. While the well flowed a few barrels, it will be several days before they get through the pay sand far enough to know how good the strike is. There were twenty-five or thirty oil men, who are interested in the territory about there, who have haunted the farm for several days, waiting the coming in of the well. While all hands on the place were greatly interested in the oil well, still it did not interfere with the carnation planting, which was going right along. The roses are all planted and looking good and Mr. Burki says that while a good oil well is all right in its way, nothing can interfere with his attention to his first love. After a pleasant afternoon and some refreshments, we all caught the evening train home, after wishing Mr. Burki a thousand-barrel flower.

The transportation committee, which has charge of arrangements for the trip to the twenty-first annual meeting of the S. A. F., expects to take a good-sized party to the convention. The club's itinerary will include Atlantic City. For further information consult committee, Fred Burki, John Bader or E. C. Reineman.

Ernest Zieger and wife have the sympathy of their many friends in the loss of their little daughter, who died July 17.

The Club Picnic.

The florists' picnic was a decided success, notwithstanding that it began raining about daylight and kept it up until noon. The largest crowd the club ever had was out on the boat and seemed to enjoy themselves all the way up the river and, after dinner on the boat, were ready to get off when it landed at Moss-side Grove. As it had quit raining the committee laid out the ground for the athletic sports, which truly were a howling success.

The ball game was between the retailers and growers. James Moore, as umpire, could not stand the "gaff" and retired in the fourth inning with the growers in the lead and W. A. Clarke was pressed into service. His decisions were not any more satisfactory, especially as the retailers took the lead in the next inning and won the prize, a disbudding knife for each player in the team. The game afforded much sport and, while some of the decisions on the plays were "rotten" enough, they did not have anything on some of the plays made. Joe Jones broke a finger in the second inning, the only accident of the day.

Among the athletic events, some of which were very good, the following is the list of winners:

100-yard dash, boys under 8, Fred Burki, Jr.; 100-yard dash, girls under 8, Marion Langhans; 100-yard dash, boys under 10, Lucian Ahlers; 100-yard dash, girls under 10, Myrtle Kraus; 100-yard dash, boys under 13, Milton Ahlers; 100-yard dash, girls under 13, Margaret Coleman; 100-yard dash, men, open, Howard Carney; 100-yard egg-spoon race, Miss Lease; 25-yard potato race Howard Carney; 100-yard bag race, Harry Ham; 100-yard dash, growers, John Wyland; 100-yard walk, men, Fred Zieger; 100 yard walk, ladies, Miss Lease; 100-yard dash, fat men, Edward McGrath; 100-yard dash, ladies, Miss Graf; 100-yard dash, young ladies, Mary Boss; 20-yard peanut race, James Uble; 100-yard dash, ladies, Miss Boss; 100-yard dash, young ladies, Miss Boss; 25-yard hop, Joseph Boss; high jump, Joseph Jones; running broad jump, Howard Carney; cake walk, Mrs. Whelan and daughter.

Through the generosity of John Evans, of the Quaker City Machine Works, it was necesasry for the committee to add another race, which was not on the program. F. Goodman carried off this prize.

Picnic Notes.

The dancing on the boat caught the young people and the dancing floor was usually filled.

Ed McGrath, who won the fat man's race, was pretty badly winded, but he wanted the pair of steins.

Fred Zieger was the only man on the grove who seemed to know what a heel and toe walk was and won the race.

While there were a few fat women in the party, none would acknowledge it and so the fat woman's race was made a 100-yard dash for women with lots of entries.

The broad jump was the best exhibition of the day. Some of the jumpers made good scores.

The women and girls seemed to take more interest in athletics than the men.

Uncle John Wyland was the oldest man to compete, but won his race and the thermometer.

Wm. Hamilton, superintendent of Allegheny park, was with us for the first time in years. Mr. Hamilton looks as young as he did twenty-five years ago.

Mr. and Mrs. Theodore F. Beckert and their family of nine children were with us for the first time and enjoyed a good day's outing.

We missed our friend, Wm. Falconer, but no doubt he had a good excuse.

Hoo-Hoo.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

P. J. REGAN, Iowa City, Ia., was overcome by the heat July 13 and fell from a load of hay, but is recovering.

THE Bureau of Forestry of the U. S. Department of Agriculture will hereafter be known as the Forest Service, the scope being somewhat enlarged.

THE nursery land of Samuel C. Moon, Morrisville, Pa., is reported as sold to the Pennsylvania Railroad at a price which makes it possible to move the nursery to a new location not yet determined upon.

THE American Association of Nurserymen does not propose to relax its efforts to secure the return of trees in boxes to third class in freight schedules, nor does it propose to cease work until car minimums are reduced. The transportation committee is now to be assisted in its work by a traffic expert drawing a salary as secretary.

THE half-yearly meeting of the Western Association of Wholesale Nurserymen was held at Kansas City July 12 and 13. The principal act of interest was to strike out the word "wholesale" from the title, the purpose being to admit all western nurserymen to membership. Prospects were thought to be good for next season and the consensus was that, with no oversupply in sight, prices would be held firm.

GOOD SEASON IN MARYLAND.

Under date of July 11, J. G. Harrison & Sons, Berlin, Md. report on conditions in their section, as follows:

"Starting in with the planting season we have had very light rains, but often, and this has kept up pretty well through the season, and in all we have had a most excellent growing season.

"Starting in with our strawberry beds, they have made an unusually good growth for this time in the season, the peach trees are doing well and the apple blocks are in excellent condition and are making a very good growth. In other words, the stock is making a good growth and the trees are being well matured and we have had less expense than usual in keeping the nursery stock in good condition to this date.

"Prospects are for a good assortment of stock in general for this fall's planting and same will be in good condition. The winter did not affect us in any way and we did not lose anything by same, and we look forward to a good fall's planting."

PEONIES FOR THE SOUTH.

We have read many articles on the peony, both as to its culture and the use of the cut flowers, but I have never seen an article telling what kinds would do best in any given climate. I have bought plants from various sources and have imported both the herbaceous and tree varieties, but up to date I have none which proves a success. One of my customers had a very fine lot of flowers last spring on plants which had grown in a "grandmother's garden" which was planted something like 100 years ago. It is, of course, impossible to get this stock. How could one ascertain which are the proper kinds to grow in the Gulf states? A little information along this line would be greatly appreciated by us southerners.

F. J. ULBRICHT.

THE REVIEW will send the Pronouncing Dictionary on receipt of 25c.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½, 4 and 5-inch pots. **Send us your list of wants today.** Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

YOU CAN PLANT AT ANY TIME

Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. **W. H. Salter, Rochester, N. Y.**
Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

FOR FALL 1005
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

PEONIES A large collection of the very finest varieties, including in the officinalis class the gem of all, **Tenuifolia,** or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.
Write for prices. **F. A. BALLER, Bloomington, Ill.**

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. **E. Y. TEAS, CENTERVILLE, IND.**
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues Our Specialty. Get our figures.
83-91 Plymouth Place, **CHICAGO.**
Mention The Review when you write.

St. Louis, Mo.—Bourdet & Roehr will erect a greenhouse at 1731 South Vandeventer street to cost $1,200.

Allentown, Pa.—O. J. Sawyer has bought the business of George W. Fetzer. The season has been very dry but all stock is in good shape. Growers are planting carnations earlier than usual. Trade was very good this spring and there has been a steady call for funeral work. Andrew Yeager is building two new houses and Mr. Sawyer is adding two small structures. Mr. and Mrs. Ernst Ashley have been visiting friends in Philadelphia.

Jacksonville, Fla.—C. D. Mills recently shipped twelve sabal palms to the New York Zoological park. The plants were twelve feet high, the stems were twelve to fifteen inches in diameter and the average weight of the plants about 500 pounds. He has also sent four such plants to Bath Beach, L. I. Mr. Mills will attend the S. A. F. convention. He is state vice-president and hopes to have quite a party. Plenty of rain here and all stock looks good.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.
Plant advertisements NOT admitted under this head.

SITUATION WANTED—By a young lady in a floral establishment to learn designing and decorating; has had a little experience. For further particulars address Box 184, Sheffield, Ill.

WANTED—Three helpers in rose houses; steady positions. J. F. Wilcox, Council Bluffs, Iowa.

WANTED—Second-hand Kroeschell hot-water heater, rated for 7,000 ft. of glass. M. A. Barick, Seymour, Ind.

WANTED—Good all-round man for general greenhouse work. Address N. C. Moore & Co., Morton Grove, Ill.

WANTED—Young man desiring to get acquainted with greenhouse work. Otto Bourdy, Lowell, Mass.

WANTED—No. 5 or larger Kroeschell boiler; state particulars. Address No. **60,** care Florists' Review, Chicago.

WANTED—Good second-hand hot water boiler, to heat 1200 feet radiation; state full particulars. Address 5600 Delmar Ave., St. Louis, Mo.

WANTED—Good man to grow carnations, mums and miscellaneous plants; state wages with or without board. Address NO. **65,** care Florists' Review, Chicago.

WANTED—One second-hand No. 16 or 17 Hitchings hot water boiler; must be cheap and in first-class condition; quote price at once. Emma R. Ogborn, Knightstown, Ind.

WANTED—By August 7, a good grower of carnations, smilax, mums and general stock; please give reference and state wages in first letter. Address H. T. Miller, Salem, Ohio.

WANTED—First-class man who can grow A1 roses and carnations; $65.00 per month to start; must furnish satisfactory reference. Address No. **51,** care Florists' Review, Chicago.

WANTED—Capable young man for first-class retail store; must have experience in designing and decorating; steady position for right man. J. S. Simmons, 266 Yonge St., Toronto, Can.

WANTED—A good man for general greenhouse work; will hire by the year; good wages; must have first-class references. The Florence Greenhouses, 217 Robertson St., Mt. Clemens, Mich.

WANTED—A young man with some knowledge of the garden and flower seed business, to open up such a line with a well established field seed business. Address No. **67,** care Florists' Review, Chicago.

WANTED—A single man with practical experience in cut flowers and pot plants; must be strictly sober, and willing and able to take charge; with references; $12.00 per week. Address J. B. Goetz Sons, Saginaw, W. S., Mich.

WANTED—About August 1, a good all-round grower and propagator of bedding plants, carnations and roses; able to handle help; state experience and wages expected, with or without board and room. Ludvig Mosbaek, Onarga, Ill.

WANTED—Business manager in every town to manage branch office and superintend force of salesmen; big money; experience unnecessary; no canvassing; can be handled with other work or business; references; particulars on application. Knight & Bostwick, Nurserymen, Newark, New York.

WANTED—Capable man to take charge of of growing carnations, chrysanthemums, roses and general cut stock; business and equipment entirely new; good position for right party; must be able to produce best stock; must be of temperate habits and of good character; state salary expected; especial good chance for young man desiring advancement. Address The Cella Cut Flower Co., Calla, Ohio.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

FOR RENT—Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47,** care Florists' Review, Chicago.

FOR SALE—Hot water heater in good condition; piping, glass, small stock of plants; cheap for cash. A. Brumley, Birmingham, Iowa.

FOR SALE—I offer standard glass, all double strength—40 boxes 16x16 A, 100 boxes 16x24 A, 125 boxes 16x24 B. Will sell at a bargain. A. C. Brown, Springfield, Ill.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—5000 ft. glass, good trade; good house and barn; fine grounds, five or more lots; in a natural gas city of 15,000; this is a snap. Address A. S. Harmon, Iola, Kansas.

FOR SALE—Four acres, all improved, and 10,000 feet of glass; a splendid opportunity for anyone contemplating locating near the coast. For particulars address Gustave Teufel, R. F. D., No. 2, Portland, Oregon.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE—A 9-room dwelling, 3 greenhouses with cold frames, in a university town of 6000; greenhouses well stocked; good trade; a death the cause of sale. For particulars, address L. G. Rolliston, Fayetteville, Ark.

FOR SALE—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890, are offered for sale; a good opening for a practical man. W. H. Hammersley, Lake Geneva, Wis.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester, N. Y.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Retail flower store in suburb of Chicago; small investment required and good profit certain for active young man or woman with a little experience in catering to first-class trade. Address No. **50,** care Florists' Review, Chicago.

FOR SALE—One ten section castiron boiler, Dean make, No. 373; either steam or hot water; been in use three seasons; is in good condition; rated to heat 14,000 sq. ft. of glass; will burn any kind of coal; cost $600; will sell for $140 cash, f. o. b. H. B. Weaver, Bird-in-Hand, Pa.

FOR SALE—Or rent, in N. E. Iowa, a good florist business inside city limits of 5000; 12 acres of land; 10,000 feet of glass; heated with hot water; good 8-room house and a barn in the best of condition; a fine chance for a young florist; reason for selling, age. Address No. **59,** care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouse property and established business on street car line in city of 35,000; stock will invoice $500; 3 houses 20x50; ground, 100 ft. front, 210 deep; will sell stock for cash and balance of plant on time or will lease at low rate; for further particulars, address No. **72,** care Florists' Review, Chicago.

FOR SALE—Old age compels me to quit business. I offer my two greenhouses, well stocked, No. 17 Hitchings boiler, pipes, house of seven rooms, lot, hotbed sash, etc., for sale cheap; city of 3000 inhabitants. sixty-five miles from Chicago; shipping facilities in all directions; splendid location for a hustler, with no greenhouse inside of twenty-eight miles; will sell greenhouses alone if desired; correspondence solicited. Charles Faust, Harvard, Ill.

FOR SALE—On account of bad health I wish to dispose of my greenhouses and florist plant; 21 acres of fine land in the suburbs of Memphis, Tenn.; three houses on place, one nine-room; greenhouse 200x40; all necessary outbuildings, with large barn; three large hotbeds with sash, and smaller ones; doing a good business; will sell, lease or rent, or will give a good man with a small capital one-half interest in the business if he is an up-to-date man and understands the florist and gardening business, but must be A1 man in every respect, with good recommendations. J. Pierce, P. O. Box 154, Memphis, Tenn.

Help Wanted

A steady, sober man, married preferred, as rose propagator. A steady position to the right man. Position can be had at once. Address

NANZ & NEUNER, Louisville, Ky.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 10,000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE CHEAP.

Have 40 boxes glass, 14 x 20 double thick, American, 50 square feet to box, for sale at $2 30 per box. Have also some second hand glass will sell.

GEORGE PERKINS & CO.,
320 Grand Ave., Milwaukee, Wis.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66,** care Florists' Review, Chicago.

SITUATION WANTED

Practical gardener and florist, German, middle aged, unmarried, wishes steady position; would prefer taking charge of gentleman's or institution grounds; excellent references, state full particulars; willing to wait for engagement if wanted.

Address GARDENER,
303 Convent Street, St. Louis, Mo.

WANTED

A store man, for the leading retail store in a western city; must be of unquestionable character and ability; do not apply unless you are a high-class man and are now, or recently have been, employed in New York, Philadelphia or Boston.

Give experience, references and where now employed in first letter which will be held strictly confidential.

The salary will be in keeping with the position we have to offer. Address

No. 71, care Florists' Review, Chicago.

SPECIALS
LONG BEAUTIES, . $3.00 per doz.
SELECT ROSES, $5.00-6.00 per 100
ASTERS, . . 1.50-2.00 per 100
AURATUM LILIES, . 12.50 per 100
SPECIALS

During July and August

the best stock will be the cheapest stock to buy. We can give it to you in Roses, Carnations, Lilies, etc. Extra care in selecting and packing has made our summer business large.

Our store closes at 5 p. m. during July and August.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

THERE have been several days of "good corn weather" in the middle west as well as in the east.

UP to the present no decision has been handed out in the pickle seed damage suit mentioned in our issue of last week.

THE employees of Johnson & Stokes, Philadelphia, were entertained at the firm's trial grounds, Moorestown, N. J., July 15.

THE reports from the bean sections are more favorable this week. The weather is the important factor in the making of a crop.

ARTHUR H. LUCK, with the Iowa Seed Co., Des Moines, Iowa, sails today via Holland-American line for Europe, to be gone two months.

AT the recent election of the Indianapolis Board of Trade, Wm. S. Gilbreath was elected to serve a four-year term on the board of governors.

THE trustee in bankruptcy has notified the creditors of J. R. Ratekin, Shenandoah, Ia., that a dividend of twenty per cent will be paid July 24.

CHICAGO.—The present week has given excellent weather for onion set harvesting and the operation is in full swing with many of the growers here. The yield, so far as harvested, is below expectations.

IT is reported that the onion set harvest at Louisville, Ky., and at Indianapolis, Ind., is in full progress. The yield at both places is well up to expectations. The quality at Louisville is below the average, owing to rather large size.

FROM London comes the following as to beets: "The black aphis has been much in evidence on the plants of beet for seed; they find their way to them when the plants are in bloom, and seem to suck out their life juices. The outlook as to a probable seed crop is by no means assuring."

CARTERS, the English seedsmen, have 1,437 trials of peas this season and 120 varieties of sweet peas.

A BULLETIN of interest to seedsmen is entitled "Extermination of Johnson Grass," by W. J. Spillman, agrostologist, and issued May 20 by the U. S. Department of Agriculture.

Two bulletins of the U. S. Department of Agriculture of interest to seedsmen who handle grass seeds are "Range Management in the State of Washington," by J. S. Cotton, and "North American Species of Agrostis," by A. S. Hitchcock.

THE freesia bulbs grown in Guernsey, and for which there is such a demand from England, are grown in greenhouses but eighty per cent are grown in boxes and pots, which, immediately after blooming, are put outside to ripen and in consequence of the dry weather this summer are smaller in size.

CALIFORNIA SEED CROPS.

Under date of July 18, C. C. Morse & Co., Santa Clara, Cal., telegraph as follows:

"Most crops were badly injured by the hot wave. Leek, mustard, parsnips, turnips and radishes are a full crop. Spinach, all Yellow Globe onions, some sorts of lettuce and some sweet peas will be very short. Other crops will be light, but we still hope to fill contracts on most things. Sweet peas and onions will average less than one-third of a crop. It is too early for estimates on peas, beans and cucumbers, but these are looking only fair."

CONNECTICUT CROPS.

Everett B. Clark, of Milford, Conn., writes as follows under date of July 10: "The very favorable weather of the past two weeks is bringing crops forward rapidly. The cold and wet start resulted in no serious set-back to seed growers generally. The sweet corn was slow in starting, but there is a fine stand and the crop is looking far better than the one of a year ago at this time. Seed crops generally look well, but the acreage is very light, not over half the breadths put out this season. This is especially true of the onion seed crops. Most farmers were somewhat discouraged with the yields of the past few years and the price of the bulbs was so high this spring that they disposed of them, hence planted a very light acreage. Rain would be very welcome at present."

FRENCH SEED CROPS.

Hasslach & Roumanille, St. Remy-de-Provence, France, report as follows on the seed crops of the south of France:

A long, cold winter with ice from January 1 to 3, with 18 degrees of Fahrenheit, and again a sudden cool at Easterday, has destroyed many of our winter-cultivation and seriously crippled the plants that survived. This concerns especially beets, carrots, cel-

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

LEONARD SEED CO. CHICAGO

ONION SETS.
Our plantings for the new crop are about ready to harvest.
We take orders now for delivery this fall or next spring.
Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

ery, mangold, radishes, wallflower and stocks. Further, on account of the constant wet weather during the month of May, scarcely a day of sunshine, a nice illustration of this year's delightful May, the plants cannot progress and are besides attacked by illness and insects. Consequently the aspect of the growing crops can be briefly described, as follows:

Artichoke, asparagus, condition fair. Beet and mangold, partly destroyed by cold, the survivors now attacked by insects; poor crops. Swiss chard, good average crop. Cauliflower, brocoli mammoth purple and white, in fair state and will ripen soon. Cabbage and savoy, have much suffered and are now attacked by insects; it is quite uncertain what will be harvested of the different varieties; in every case the crop will be insignificant. Carrots have suffered by cold, continuous rain in May; as frequently, in wet years caterpillars are now attacking the umbels, spoiling thus the greater part of the crop; we cannot yet give any idea as to the probable harvest. Celery, White Plume, Goldenheart, Celeriac, a near entire failure caused by ice. Chicory, endive, are secured and will give a satisfactory crop. Cucumber, large areas are in growth, the more as the last spring season a very satisfactory business has been done and all stock sold out in all the Town of Saint-Remy. Egg plants, and kitchenherbs, seem in good condition, only thyme and rosemary now harvested is a little crop. Kohlrabi, fully fifty percent destroyed. Leek, plantations are of little importance; price will be high. Lettuces, large areas planted, full healthy plants, promises well both in quality and quantity; Tom Thumb less extensive. Melon, in a sad condition; they do not fructify. Onion, red and white sorts, rather well; yellow sorts less abundant; prices probably high. Pepper, good, contract orders less important than last year. Pumpkin, vegetable marrow, good prospect. Radishes, small areas planted, and suffered by cold; crop presumed insignificant. Spinach, average crop. Tomato, rather well; prices for the currant sort higher than usually. This is about all that can be said of vegetable seeds today.

We might mention that flower seed crops have suffered much by cold. The harvest of early maturing sorts was benefited by the warm days at the end of June, of Bellis perennis, Centaurea candidissima, Cineraria maritima, Centaurea gymnocarpa, myosotis, sweet william and Viola tricolor maxima. Other crops in well prospect.

MAIL ORDER PROSPECTS.

"The future of the mail order business, as it appears to me," said W. R. Sears, president of Sears, Roebuck & Co., Chicago, who went into the seed trade last season, "lies in the ability of the mail order houses to put the merchandise into the hands of the people at figures nearest approaching original cost. Always maintaining quality (for the people's ability to judge quality cannot be overestimated; no mail order business can survive except as developed on a foundation of quality), the mail order firms will, by increasing volume of business, gradually narrow the margin between cost and price to the consumer, in every line. In short, as far as the general merchandise mail order business is concerned, it is going to be up to the fellow that can get the volume of business, enabling him to cut the margin of profit and make such prices as will virtually compel the trade of a very large percentage of the buying public. At the same time there is an abundant future for the mail order business in special lines outside of general merchandise where, by appealing to special classes of people and using new methods of introducing and selling, many a mail order business will be established and prove very successful."

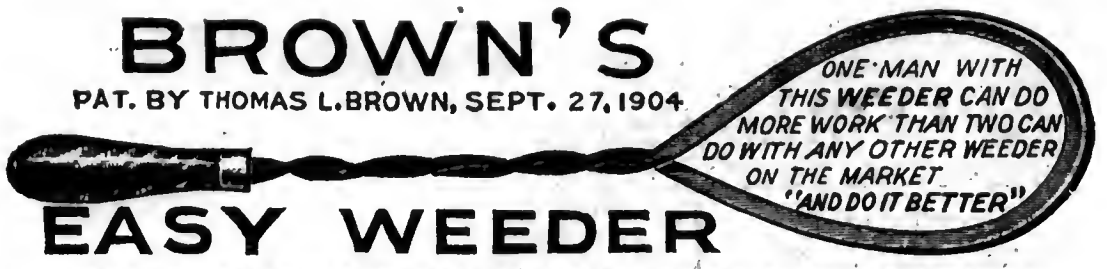
We esteem the Review very highly for its Seed Trade News.—Binghamton Seed Co., Binghamton, N. Y.

The Review is certainly the paper of all papers for florists.—Chas. Pfeiffer, Sedalia, Mo.

I do all my buying from the advertisements in the Review.—J. G. Angel, Neosho, Mo.

BROWN'S

PAT. BY THOMAS L. BROWN, SEPT. 27, 1904



EASY WEEDER

This new idea as a weeding device has made itself an immediate favorite wherever tried.

ESPECIALLY ADAPTED FOR WORKING AMONG CARNATIONS, ROSES, ETC.

Equally as valuable to the Market Gardener as it is to the Florist, and in private gardens it is bound to become a general favorite.

WILL MORE THAN PAY FOR ITSELF IN ONE DAY'S USE.

The inner edge is sharp, takes out all the weeds, makes the hard places easy to reach, and works the surface to a fine mulch.

Sold by Seedsmen Everywhere Ask for circular, giving testimonials from some of the largest growers.

PRICES, prepaid: Each, 35c; quarter dozen, $1.00; dozen, $3.00.

ALFRED J. BROWN SEED CO.

Sole Agents for the United States, Canada and Great Britain.

GRAND RAPIDS, MICH.

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NEW CROP SEED

Of my well-known

Christmas Sweet Peas

will be ready the first week in August next.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also CHRISTMAS RED and CHRISTMAS WHITE, (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator

Bound Brook, formerly Grand View, N. J.

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Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER

GREAT NECK, - L. I., N. Y.

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Surplus stock. 50,000 strong, blooming bulbs. Fine for Decoration Day (grown north of Chicago). In four hardy sorts, double and single. 60c per 100; $5.00 per 1000.

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Send your order now for fall delivery. The following in strong healthy bulbs for forcing:

Empress	per 1000,	$16 50
Emperor, extra fine	"	12.50
Golden Spur	"	17.50
Double Von Sion, 1st size	"	8.50

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ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA

at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS

in cases of 3000, at $10.00 per 1000.

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Being the Eastern Distributing Agents for the American Manufacturers of Pure Culture Spawn, we can ship Fresh Spawn on short notice at the following prices: 15c per lb.; $1 25 per 10 lbs.; $10.00 per 100 lbs. We have also the best make of English Virgin Mushroom Spawn, fresh importation, 8c. per lb.; 75c per 10 lbs.; $6.00 per 100 lbs.; $55.00 per 1000 lbs.

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RAWSON'S

Mid-Summer Catalogue

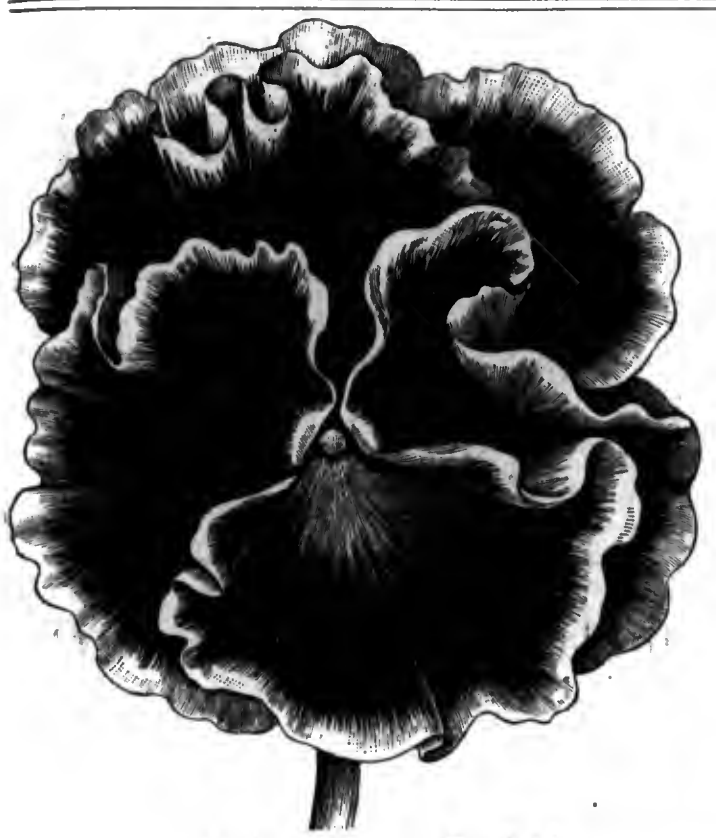
Hardy Perennial Seeds

Sent on Application.

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12 and 13 Faneuil Hall Square, BOSTON.

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JOHNSON & STOKES' KINGLY Collection of... Giant Pansies

Never has a strain of pansy given more general satisfaction than has our **"Kingly Collection of Giant Pansies."** It is absolutely unrivaled in range of magnificent colors, size and substance, and no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds).....30c. Trade packet (2000 seeds)....50c. 5000 seeds....$1.00. Per oz....$5.00.

	Per large Tr. Pkt. (2000 seeds)	Per Oz.
Giant Adonis, beautiful light blue	25c	$1.50
Giant Prince Bismarck, beautiful shades of brown	25c	1.50
Giant Striped	25c	1.50
Giant Peacock, ultramarine blue, claret and white, extra	40c	3.00
Giant Emperor William, the best blue	25c	1.25
Giant Black	25c	1.25
Giant White with dark eye	25c	1.50
Giant Trimardeau, choice mixed	25c	1.00
Giant Fire King, fiery red and golden yellow	25c	1.50
Giant Mme. Perret (grown by Lucien Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors	40c	2.50
Giant Lord Beaconsfield, purple, white petals	25c	1.25
Giant Yellow with dark eye, fine	25c	1.50
Bugnot's Superb Blotched	40c	4.00
Cassier's Giant Five Blotched	40c	3.50
Masterpiece, a magnificent variety with curled petals and many rich colors	40c	3.50

What our customers say of the KINGLY COLLECTION PANSY:

I know you have the finest pansies, because I had them before and beat everyone in Colorado with your strain—G. FLEISHER, Pueblo, Colorado.

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PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively unsurpassed in size and markings. **Satisfaction guaranteed or money refunded. New crop seed** in any quantity. **Special price** for trial package (1000 seeds), **75c**; trade packet, (2000 seeds), **$1.25.**

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	1000 seeds	Trade Pkt.
Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed	$1.00	$0.50
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00	1.00
	Oz.	
Myosotis Alp. Robusta Grandiflora, true	$1.00	.25
Giant Pansies, unsurpassed quality. Special Cemetery mixture	2.50	.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassiers' Giant mixture, improved	4.00	.50
Trimardeau Elite mixture	2.50	.50
Stocks, Cut and Come Again, White	2.50	.50
Stocks, new Snow White Excelsior, very extra, with enormous spikes, best greenhouse variety	5.00	.50
Mignonette Triumph, new	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J.

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FOR ONE DOLLAR

we will send 10 trial packages of our Giant-Blossomed Pansy varieties to the United States, postage prepaid. CASH WITH ORDER.

Catalogue sent free and postage prepaid on application.

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Please give us a trial order, after which you will become our regular customer.

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Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order.

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MICHELL'S GIANT PRIZE

Our **Giant Prize Pansies** are not to be compared with the ordinary Giant Trimardeau. The seed we offer will produce flowers of much heavier texture.

Michell's Giant Exhibition Mixed

A strain which we have secured from the leading Pansy Specialists in Germany and France, and cannot be excelled in size, texture and brilliant colors. Price per trade packet, 50c; per ⅛ oz., 75c; per oz., $5.00.

	Trade pkt.	Oz.
GIANT AZURE BLUE	40c	$2.00
GIANT BLACK BLUE	40c	2.00
GIANT HORTENSIA RED	40c	2.00
GIANT SNOW QUEEN	40c	2.00
GIANT WHITE, with Eye	40c	2.00
GIANT YELLOW, with Eye	40c	2.00

For complete list of Pansy and other seasonable seeds see our New Wholesale List. Send for a copy.

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Cyclamen Giant, mixed, $4.00 per 100.

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Finest grown, mixed, 500 seeds, $1.00; ⅛ pkt., 50c.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

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BUFFALO.

Various Jottings.

The business could not be at a lower ebb than it has been for the past few days, and what makes it seem still more quiet is the reaction from the hubbub of last week.

After reading the accounts of the weather in some large cities, both east and west, we will not say a word.

Of all the things I hoped the Elks would see and be impressed with, first was our residence streets, and no doubt most of them saw. Other cities have larger and taller buildings, greater hotels, busier streets, but no city can surpass and few can equal our cool and beautiful avenues, with their well-kept lawns and palatial residences.

Only a few of the florists made special decorations in honor of the Elks. Miss Rachel Rebstock had a large galax plaque, with an elk's head in the center, made of white flowers. I mean a real, four-footed elk. S. A. Anderson made a very beautiful window. The whole outline of the window was white lilies, with an elk's head made with small echeverias on a background of English ivy. The workmanship and design were by Charles Schnell. Most all the others were satisfied to make prominent the colors, purple and white.

There must have been many florists among the hosts that visited our city, but their time was occupied downtown and we saw only a few. Dr. Rowlands, of Utica, an enthusiastic carnation grower, was here, and Mr. and Mrs. Phil Hauswirth, of Chicago, favored us with a call. The other Phil, ex-President Breitmeyer, was also in the ranks. Mr. Hauswirth made a flying trip to Washington and was back to his dear wife on Saturday morning.

Of course, the visiting florists made W. F. Kasting's wholesale house their headquarters and Mr. Kasting is a very big old Elk himself. Never has a convention in the history of Buffalo taken the city by storm as the one just past. The streets were given up to them. The parade on Wednesday was a stupendous affair, some dignified, some picturesque, some comical. It took three hours to pass a given point. "Hello Bill" still rings in our ears. Such meetings perhaps are good for the human race. We are not all alike and never will be. If we were it would be a very hum-drum world and the species would die out. But for an outpouring of animal spirits and an intaking of another sort, the B. P. O. E. certainly take the cake.

We were looking forward to seeing another Phil from Denver, Philip Scott, but sickness prevented. W. S.

The S. A. F. Convention is close at hand and everyone is interested in knowing all about

What You Will Show in the Trades' Display. Tell them about it in the next few issues of

The Review

AKRON, OHIO.

E. J. Bolanz, after leading an active business life among the florists, has retired, having sold his business to his former foreman, Edward Leser, who is now conducting the business.

Palmer Bros., local florists, are offering their plant on Bank street for sale.

J. R. Norton & Sons, whose place is on Norton street, in the east end, are putting in a new boiler and extending the range of houses.

LAKE GENEVA, WIS.

The "county fair" by society for the benefit of the Fresh Air Fund was a great success. All the local gardeners exhibited their best products. On Saturday the exhibits were auctioned off by W. J. Chalmers. Bunches of hot house grapes went for $50 each, prize lots of peas, beans, currants, and raspberries were knocked down at fancy bids. J. H. Moore paid $35 for a mess of cucumbers. The auction of exhibits brought a total of $1,115. Mr. Moore also paid $200 for a bunch of purple grapes, and Otto Young $250 for a bunch of white grapes. Mrs. S. B. Chapin won the silver cup offered by H. W. Buckbee for the best display of vegetables, and Mrs. J. J. Mitchell won the Vaughan cup for garden products.

PAWTUCKET, R. I.—Orin Smith, Jr., has leased his greenhouses to Jas. W. Neilson and retired from business.

PHILADELPHIA, PA.—W. M. Stephenson will build a greenhouse 44x75 feet at his place on York road north of Seventieth avenue.

CANON CITY, COLO.—E. R. Bess will shortly add a propagating house 16x25 feet. Trade is about as usual at this time of year. Dry weather is bringing numberless insects, which are playing havoc with all gardens and keeping the sprayers busy.

CARNATIONS, KAISERINS and SWEET PEAS

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" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	10 00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Fancy		2.50
" Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters	.50 to	1.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15 00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Daisies, yellow	.50 to	.75
Water Lilies		2.00
Centaurea	2.00 to	3.00
Pyrethrum per bunch 10c to 12½c		
Harrisii Lilies, $1.00 to $1.50 per doz.		
Lilium Auratum .....$1.50 per doz.		
Gladioli	2.00 to	3.00

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WHEN I am in need of anything I always look for it in the REVIEW.—J. W. ALEXANDER, Charleston, W. Va.

IT takes a large stock to stand an adv. running long in the REVIEW.—STOVER FLORAL CO., Grandville, Mich.

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LIBERTIES, 3-inch	7.00	" "
IDEAL, 3-inch	7.00	" "

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Upsal Station, Penna. R. R.

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LEUCOTHOE SPRAYS—Green or Bronze, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS—Fresh stock, per bbl. sack, $2.50.
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WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEXCELLED OUTLET FOR CONSIGNED FLOWERS.
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WHOLESALE AND COMMISSION FLORIST,
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Tel. No. 956 Madison Square.
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CUT FLOWER EXCHANGE,
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YOU will find...
ALL the **BEST** offers **ALL** the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

New York, July 17.

		Per 100	
Beauties,	Specials	$10.00 to	$15.00
"	Extra	6.00 to	8.00
"	No. 1	3.00 to	4.00
"	Shorts	.50 to	2.00
Brides and Maids,	Special	2.00 to	4.00
" "	Extra	1.00 to	2.00
" "	No. 1	.50 to	1.00
" "	No. 2		.25
Golden Gate		1.00 to	4.00
Liberty		1.00 to	10.00
Killarney		1.00 to	6.00
Orchids, Cattleyas		50.00 to	75.00
Carnations,	Common	.25 to	.50
"	Selects	.50 to	.75
"	Fancies	.75 to	1.00
"	Novelties	1.00 to	2.00
Adiantum	Cuneatum	50 to	.75
"	Croweanum	.75 to	1.25
Asparagus Plumosus,	Strings	25.00 to	50.00
Asparagus Sprengeri,	bunches	4.00 to	8.00
Lilies		2.00 to	5.00
Lily of the Valley		.50 to	2.00
Smilax		4.00 to	8.00
Daisies		.25 to	.50
Mignonette		.25 to	.50
Sweet Peas, doz. bun'es, 10c to 20c			
Gladioli		.50 to	2.00

THE REVIEW will send Montgomery's "Culture of Grafted Roses" on receipt of 25c.

I WOULD not want to do without the REVIEW. The writers are all up-to-date and each issue very instructive. —S. M. Wyatt, Watseka, Ill.

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

THOMAS YOUNG
WHOLESALE FLORIST
43 West 28th St., NEW YORK.
Receiver and Shipper of Cut Flowers.
Consignments Solicited.
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FORD BROS.
48 W. 28th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.
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WILLIAM H. GUNTHER
30 West 29th Street,
Phone 551 Madison Square, **NEW YORK.**
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS — Important — Special advantages for you this season. Write or see us.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., Tel. 854 Madison Sq., **NEW YORK CITY**
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

TWENTY YEARS' EXPERIENCE
John Seligman
WHOLESALE FLORIST
56 W. 26th Street, NEW YORK
Opposite N. Y. Cut Flower Co. Everything in Cut Flowers. **Consignments from Growers Solicited.** Prompt returns. Best prices.
Satisfaction Guaranteed.

H. B. CRAWBUCK E. W. WILES
CRAWBUCK & WILES
Wholesale Dealers in
WILD SMILAX, GALAX, PALM LEAVES, LEUCOTHOE SPRAYS, FANCY AND DAGGER FERNS
Perfect shipping facilities for out-of-town orders.
370 PEARL ST., BROOKLYN, N.Y.

Japanese Moss
Packed in paper cartons. "Moss and nothing but Moss:" no sticks or dirt. Less than half the price of German Moss.
L. WERTHEIMBER & CO.
Foreign and Domestic Specialties,
39 BARCLAY ST. NEW YORK, N. Y.
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GEO. SALTFORD
WHOLESALE FLORIST
46 West 29th Street, NEW YORK CITY
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED
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19 Boerum Place, Tel. 4591 Main, Brooklyn, N. Y.
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"THE RELIABLE HOUSE"

WHOLESALE FLORIST

48 WEST 30th STREET, NEW YORK CITY

Phone 324 and 325 Madison Square.

Roses, Carnations, Violets, and Every Variety of Cut Flowers.

JOSEPH S. FENRICH

VICTORY

We are the only house handling this New Red Carnation which will be disseminated 1906.

ALSO A COMPLETE LINE OF **CHOICEST FLOWERS**

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Telephone No. 442, Whitestone. Also WOODSIDE, LONG ISLAND.

Importers and Growers of HIGH-GRADE JAPAN LONGIFLORUM LILIES

A large range of new greenhouses has been erected at Whitestone for Lily Forcing

QUAINT and CURIOUS JAPANESE PLANTS on hand for SHIPMENT ALL THE YEAR ROUND

Prices—15c, 20c, 25c, 50c, up to $5.00

MINIATURE JAPANESE GARDENS AND NOVELTIES UP TO 200 YEARS OLD. VISITORS ALWAYS WELCOME

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Green and Bronze Galax Leaves.

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The Kervan Company,

WHOLESALE DEALERS.

All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.

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Telephone 1519 Madison Square.

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Florists' Review

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HARDY CUT FANCY AND DAGGER FERNS



$1.00 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000.



We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, July 19.

	Per 100
Beauties, Specials	$10.00 to $12.00
" Extra	4.00 to 6.00
" Short Stems	1.00 to 2.00
Brides, Specials	2.00 to 4.00
" Seconds	.50 to 1.00
Bridesmaids, Specials	2.00 to 4.00
" Seconds	.50 to 1.00
Carnots, Kaiserins	1.00 to 4.00
Liberty	.50 to 6.00
Carnations, Special	1.00
" Select	.40 to .50
" Ordinary	.15 to .25
Lily of the Valley	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Sweet Peas	.05 to .10
Gladioli	2.00 to 3.00

I GET much pleasure and profit out of the REVIEW every week.—FRED HATCH, Scranton, Pa.

PLEASE cancel my advertisement as I am sold out of stock.—U. G. HARGLEROAD, Shippensburg, Pa.

A. J. FELLOURIS



J. J. Fellouris, Mgr.

Wholesale and Retail Dealer in all kinds of

EVERGREENS



Fancy and Dagger Ferns

Bronze and Green Galax

468 Sixth Avenue

Between 28th and 29th Street

Tel. 2675 Madison Sq. New York

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George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



Ever-greens



FANCY and DAGGER FERNS.

GALAX—Brown and Green.

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LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.

Telephone 1202 Madison.

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE.

44 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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1871 James Hart 1905

(The Original Pioneer House)

Commission Dealer in **CUT FLOWERS**

117 West 30th St., near Sixth Ave.,

Telephone 626 Madison Square. NEW YORK

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

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YOU WILL FIND.....ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, July 19.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	2.00 to	4 00
Kaiserin	3.00 to	8.00
Chatenay	2.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Asters	1.50 to	2.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies		1.00
Candytuft		1.00
Coreopsis		.50
Sweet Peas	.40 to	.50
Daisies		.50
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1000	$1.00	.15
Galax per 1000,	$1.00 to $1.50	
Adiantum Cuneatum		.75
Smilax per doz.,	$1.50	

PUT a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph your order. You will find it a very satisfactory source of business.

GEORGE REINBERG

51 Wabash Ave., Chicago.

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

CHAS. W. McKELLAR

Wholesale Florist,

51 Wabash Ave. CHICAGO.

ORCHIDS a Specialty.

Fancy VALLEY, ROSES, CARNATIONS and a full line of all Cut Flowers, Greens and Florists' Supplies.

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VALLEY

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THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

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Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. **L. D. Phone 3284 Central.**

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Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

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Write for special quotations on large orders.

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WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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Wholesale Growers of and Dealers in **Cut Flowers.**

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35-37 **Randolph Street, CHICAGO, ILL.**

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WEILAND & RISCH

Leading Western Growers and Shippers of

Cut Flowers

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Long Distance Phone Central 879.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

New Crop BEAUTIES VALLEY, the Finest LIBERTIES and CHATENAY

The Philadelphia Wholesale Flower Market.

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Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, July 19.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $4.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	2.00 to 4.00
Kaiserin	3.00 to 5.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Sweet Peas	.15 to .20
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	4.00 to 5.00
Asters	1.50 to 2.00

Milwaukee, July 19.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Best	6.00
" " Seconds	2.00 to 4.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	2.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	1.00
" Fancies	2.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	12.50
Sweet Peas	.25
Daisies	.50
Smilax	20.00
Ferns	.25

Pittsburg, July 19.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 3.00
Brides and Maids	1.00 to 5.00
Cusin	1.00 to 4.00
Liberty	6.00 to 10.00
Chatenay	2.00 to 4.00
Perle	2.00 to 4.00
Carnations	.75 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12.00 to 15.00
Sweet Peas	.15 to .20
Asters	1.50 to 3.00

THE REVIEW will send the Pronouncing Dictionary on receipt of 25c.

C. A. KUEHN WHOLESALE FLORIST,

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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Wholesale Commission Dealer in

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Phone Main 980 **128 E. 3rd St., CINCINNATI, O.**

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Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

"Green Goods" are my Specialties.

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Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 & 112 E. 3rd St., Cincinnati, O.

Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Geo. H. Angermueller

Wholesale Florist

Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, July 19.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 1.50
" Fancies	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Sweet Peas	.15 to .50
Gladioli	3.00 to 5.00
Candidum Lilies	4.00 to 6.00

Cleveland, July 19.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Valley	5.00
Sweet Peas	.40 to .50

I DO not think any one can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

FERNS, ETC.

New crop, extra fine and hardy.

FANCY FERNS	Per 1000, $1.60
DAGGER FERNS	" " 1.00
GREEN GALAX	" " .60
LEUCOTHOE SPRAYS	" " 3.00

Twelve years experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street St. Louis

Long Distance Telephone MAIN 2018-M

Mention The Review when you write.

ST. LOUIS.

The Market.

Trade among the retailers is reported very dull the past week; still, considering that we are in mid-summer, quite a lot of funeral work is being made up. This is, of course, all that the retailers depend upon. At the wholesale houses, where most of the trade congregates each morning, we hear in conversation a great deal of talk on the club's outing this week and the S. A. F. convention next month.

Good stock is not at all plentiful but of lower grades there is enough for all. Prices do not change much if any. Clean-up sales are still going on and one has to order the day before, or come early, to obtain desirable stock. Beauties are coming in somewhat better, with fancies limited, shorts more plentiful. Other roses, such as Brides and Maids, are poor. Liberties are good. Carnations are in demand and not near enough good stock comes in to go around. Sweet peas are not extra good, asters not yet in large supply, gladioli more than enough. Tuberose stalks are fine. Other outdoor stock sells poorly. There are plenty of greens of all kinds, including fine smilax and asparagus strings and sprays.

Club Meeting.

The July meeting of the club proved very interesting and a large number were present. The nomination of officers for the ensuing year was a special feature, as was the question of incorporating the club. The meeting opened at 2 o'clock, with President Juengel in the chair and with all of the other officers present. President Halstead, of the local growers' club, was a visitor.

The chairman of the flower show committee made a lengthy report, announcing that Westminster hall, 3806 Olive street, had been engaged for the show. The date is November 7 to 10. The outing committee reported that everything was in readiness for a good time at Mollenbrock's grove July 20. The matter of incorporating the club was laid over until the next meeting.

The nomination of officers for the different offices took place as follows: For president, J. F. Ammann, J. W. Danford, Frank Ellis and C. C. Sanders; for vice-president, John Steidle, A. G. Fehr, George Windler and Rude Windt; for secretary, Emil Schray, J. J. Beneke, O. G. Koenig; for treasurer, Fred H. Meinhardt, E. W. Guy and George Angermueller; for three trustees, one for three years, one for two years and one for one year, there were nine candidates, Carl Beyer, Frank Weber, A. G Bentzen, V. Gorley, Henry Lohrenz, Fred H. Weber, W. J. Pilcher, A. Y. Ellison, John R. Steinecke and Frank H. Fillmore. The election will take place at the next regular meeting, August 10.

Frank Weber said that as the club had accepted his invitation to hold its September meeting at his place, the ladies are especially invited. The more the pleasanter the gathering.

Various Notes.

Frank J. Fillmore & Son will open a flower store at 3310 Meramec street the latter part of this month. This is only a few blocks away from their greenhouses. Frank, Jr., will be married next week to Miss Lydia Gabler and will live over the store. Congratulations are now in order. Mamma Fillmore will be the head of the artistic staff at the new place.

R. J. Windler will open a retail store this fall at the corner of Grand avenue and Shenandoah street.

Mr. Bergestermann, late of the firm of Pape & Bergestermann, is building a store at the corner of Grand avenue and Arsenal street, to be opened this fall as a retail flower store.

L. Baumann, of Chicago, is calling on the trade, selling florists' supplies.

From the daily press we learn that about 900 trees in Forest park have been killed by the fumes of the lime kilns and foundries nearby and that Park Commissioner Aull fears that this will be fatal to nearly all of the trees in the park.

Mrs. Carl Beyer is on a visit to her mother in the country. Carl will go after her next week, when they will make a trip up north for about ten days.

Mrs. C. C. Sanders, Walter, Laura and Jessie Sanders, are back from an enjoyable trip to the northern lakes. The new home will be completed early in September.

Chas. Schoenle has left the employ of Mrs. M. M. Ayers. He will be married this week Wednesday to Miss Rose Arata, who has a retail store at Lafayette and Jefferson avenues. Both are well known to the trade and should make a happy couple. Congratulations are now in order.

The Florists' Club, at its meeting last week Thursday, decided to offer a special prize of $225 at the fall flower show for American Beauties, the winner to have his choice, cash or cup.

The four wholesale houses have agreed to close at 5 p. m. until September 1.

J. J. B.

THE REVIEW is a "bang-up" good paper.—JOS. W. FIELD, JR., Northfield, Mass.

BACKED by 50 years of selling experience, these are the **RIBBONS** you want for florists' work—**The Pine Tree Brands.** Write for samples today.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

A Daily Cut from 40 to 60 Growers
At the Sign of Quality TRADE MARK
ROSES, CARNATIONS, ORCHIDS, SWEET PEAS, VALLEY, GREENS, ETC.
Inside Chicago Market Quotations.
MOST COMPLETE LINE OF
FLORISTS' SUPPLIES
IN THE WEST. Catalogue free.
E. F. WINTERSON CO.
45-49 Wabash Ave., CHICAGO.
Established 1894.
Mention The Review when you write.

ROSES, CARNATIONS, CALLAS and SMILAX.
Telegraph and Telephone messages promptly attended to at all hours.
UNITED STATES CUT FLOWER CO.
ELMIRA, N. Y.
Mention The Review when you write.

ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write

Always Mention the....
Florists' Review
When Writing Advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

J. J. Habermehl's Sons

Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place. CHICAGO.

Julius Baer,

138-140 E. Fourth Street,
Long Distance Phone.
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The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

ATLANTA FLORAL CO.

41 Peachtree Street, ATLANTA, GEORGIA

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

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FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

Established 1873.
Long Distance Phone Bell Lindell 676.

Your orders for

LOUISVILLE, KY.

will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST

36 W. Forsyth Street,
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HUGH GRAHAM CO.
PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

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Palmer's

BUFFALO,
New York.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

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546 FIFTH AVENUE
Cor. 45th St., N. W.

NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : - :

Telephone Calls: 340 and 341 38th Street
Cable Address: ALEXCONNELL.
WESTERN UNION CODE

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144X. 104 So. Carolina Ave.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

LEIKENS

Near the Waldorf-Astoria
7 E. 33rd St., New York City.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

MENLO PARK, CAL.—The third annual exhibition of the Menlo Park Horticultural Society will be held in the big tent near Triumph hall October 20 and 21. The premium list has been issued and, with all classes well filled, will bring out a very comprehensive display. Copies may be had by addressing J. T. Lynch, Secy., Menlo Park.

VICTORIA, B. C.

Matters of Interest.

On July 1 the government entertained the Society of American Mining Engineers in the parliament buildings. Several residents filled two tables with really good outdoor roses, which proved a great attraction and were a revelation to many of our own citizens. Outdoor roses have been extra good this season, owing to the absence of mildew, which is the great drawback to their culture here. Most of our wild flowers are over. Spiræa Aruncus is just past but its place is filled by S. discolor, a truly magnificent shrub which almost attains the dignity of a tree. It adorns the open spots in woods and country with its light, feathery white panicles. This shrub should be more grown. It is certainly hardy. I have found it in the high mountains, where the thermometer falls far below zero.

With regret I have to chronicle the death of the wife of G. A. Knight, of Mt. Tolmie Nursery. Her demise will be a great loss to him. For many years she has been an able assistant in his business.

H. Dumbleton has built a new house for water lilies. In the center pool he has installed a Victoria regia.

Mr. Sowerby, of Covent Garden Nursery, reports a very heavy crop of excellent tomatoes. Tomato is king in this establishment as a summer crop.

A. J. Woodward, Ross Bay Nursery, who already owns 100,000 feet of glass, is just preparing to cover about another acre and a half with glass for general purposes. His houses are used for flowers in the winter and tomatoes and cucumbers in the summer. Lettuce also is no inconsiderable item. He reports crops fair but prices ruling lower this season. E. A. W.

COAST HAS GOOD STOCK.

I note in the REVIEW of July 6 that a correspondent makes the comment that San Francisco "has the reputation of handling poorer stock than any other large city in the United States." I beg to differ decidedly with C. L. A. in that San Francisco either handles poor stock or even has the reputation among people who have traveled enough to make comparisons or draw conclusions. I have seen the best that has been shown in our large cities at frequent intervals for a period extending over thirty years and have yet to meet the grower or florist from any part of the world who did not give California, and San Francisco and its suburbs in particular, the plum for producing flowers on a scale undreamed of in less favored localities.

The reason is easy to guess, of course. Fancy a climate where the sun shines every day in the year, where on last Christmas week my boys were driving around town in their shirt sleeves delivering orders, where our summers rarely go over 65 degrees, and then compare these facts with the torrid east and frigid middle states and pretend to say they can compete with us in the quality of flowers produced.

The cut of Hannah Hobart recently published in the REVIEW is a good sample of what we have to show in the middle of summer and this week I visited the greenhouses where they are grown and found thousands of blooms of this and many other varieties equally as large. I have called at the largest places in the east at a corresponding season of the year and have seen the best that was to be offered, and it is safe to say our flowers are fully twice the size and, as for color and substance, there is absolutely no comparison.

Again, in the middle of winter, when the thermometer goes down almost out of sight in your frozen east, here we grow flowers with only a little artificial heat for a few weeks, more to force the crop than for any necessity to keep out the frost.

It is easy to see I do not attribute anything to our superior knowledge of flower growing but to the mildness and adaptability of our climate. We have the same success with roses, as they respond fully as well to the surroundings as carnations and, as I stated before, I have yet to meet the eastern grower who is not amazed at the quality of the stock grown in this neighborhood, and as for the general tourists, they usually exhaust their vocabularies in describing the floral wonders of California before they are half an hour in town.

Regarding the prices received by the growers for their stock, C. L. A. notes that there has been an increase of thirty-three and one-third per cent in the past ten years. I agree with him there, but that is a decided advantage from any point of view. The reason for this is that we have such an abundance of flowers that a Californian will not be satisfied with anything except the very best and stock that would be considered fancy in other less favored localities will not stand the test here and does not bring the highest price, all of which goes to show the perfection attained in the quality of flowers grown in the neighborhood of San Francisco. I hope that the price will increase thirty-three and one-third per cent more in the next ten years, for at the best it is not too high and growers usually do not get rich, even in California.

Regarding Japanese gardeners and nurserymen, a subject of vital importance to our craft and one that is probably being more discussed by our growers at present than anything else, I will have something more to say next week. G.

SAN FRANCISCO.

The Market.

We have had a welcome change in the weather from that of last week. The average temperature has been 65 degrees, as against 90 degrees. Roses, carnations and lilies came in so fast

HANNAH HOBART THE PRIDE OF CALIFORNIA

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: **"When will the Hannah Hobart be for sale?"** This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906.

Send your orders in early because they will be filled strictly in rotation. **Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.**

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

for a few days that there was positively no way to handle them and a great many were unused, but the cooler weather, together with the fact that many carnation growers are now changing their stock, makes a much shorter supply and I expect we will have a little rise in price very soon. Outdoor stock was also damaged somewhat by the warm spell. Sweet peas suffered the most and it has been almost impossible to get any long-stemmed stock this week. Dahlias, coreopsis and gladioli are in good supply and considerable quantities are being used to keep up appearances. Valley is scarce and in some demand. Business is very fair considering the season. It is better than it was at this time a year ago, with both the stores and the growers.

Various Notes.

L. A. Bishop is in Washington on a three weeks' visit.

H. Plath reports a good demand for small ferns, both in thumb pots and flats.

John H. Sievers & Co. have booked orders for many thousands of their seedling carnation, Hannah Hobart. A visit to their greenhouses and a glimpse of several houses in full bloom at this time is a sight long to be remembered.

Peter Thiesen, of Golden Gate, is cutting some fine Kaiserin. Sievers & Boland handle most of his stock.

The California Nursery Co., of Niles, has a very large stock of field grown roses to offer for the coming season.

G.

TEMPORARY HOUSE.

I wish to heat a sash house 20x135, sides eighteen inches high and boarded, eight feet to ridge. The walks are dug out and the beds are solid. I want to use this house for spring and fall, say up to January 1 for cyclamens, primroses, ferns, etc., and from the middle of March for bedding plants. I wish to heat this house by steam to about 55 degrees at night in New Jersey climate. How large a boiler is necessary and how many runs of 1-inch pipe? The boiler will be below the level of the ground. Kindly give arrangement of piping.

W. S. H.

You can heat your house satisfactorily in the following manner: Secure a boiler rated for 1,000 feet of radiation and sink it in a pit so as to make returns higher than top of the boiler if possible. Provide a 2-inch flow pipe under the ridge of the house, carrying same to the most distant end of the house, there to divide it, using two 1½-inch or 2-inch pipes to connect with a manifold of five 1-inch pipes on each side wall. These manifolds should have a gentle slope toward the boiler unless the slope of the house is sufficient to insure a quick return of all condensed water through the manifolds.

L. C. C.

50,000 FINE CALLA BULBS READY

The above bulbs are free from disease and are true to measurement.

1½ inches diameter....	$4.00	per 100;	$35.00	per 1000
2 inches diameter.....	5.00	"	45.00	"
2½ inches diameter...	6.00	"	55.00	"
3 inches diameter.....	7.50	"	70.00	"

GET YOUR ORDER IN EARLY.

Freight prepaid at the above prices. 250 at 1000 rate. CASH.

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

CALLA BULBS

READY AUGUST 1st.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

F. O. B. Niles, California.

CALIFORNIA NURSERY CO., Niles, Cal.

Mention The Review when you write.

FREESIAS

READY FOR DELIVERY—Fine stock in any quantity, up to ⅝ inch. Grand Duchess Oxalis, pink, white and lavender. Amaryllis Johnsonii and Belladona, Chlidanthus fragrans.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2.00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3.00
Pansy, California Giants, mixed, ⅛ ounce, 2.00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.

You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

SMITH'S Chrysanthemum Manual sent by the REVIEW on receipt of 25c.

KANSAS CITY.

The Market.

An unusually hot week, with the mercury hovering around 90 degrees, together with the flitting of society belles and beaux to cooler climates, caused a stagnation in business in most of the stores.

There is very little good stock on the market. Roses are small and off color. Carnations do not hold up well, the excessive heat causing them to go to sleep very quickly, and it is an impossibility to get even fair prices. Sweet peas and outdoor flowers are getting scarce and of very poor quality and it is almost impossible to clear things up. A few funerals of well known people helped some of the stores. There is still quite a demand for pot plants, such as ferns, palms, begonias and rubbers. A few weddings the latter part of the month will give some of the decorators something to do, but we have reached our summer level and quiet business may be looked for from now on.

Various Notes.

Jacob Tobler is winding up his spring business preparatory to taking a few weeks' vacation and he is fixing up his fishing tackle, with which he intends to catch a goodly share of the finny tribe.

R. S. Brown & Son are tearing down some of their houses on Prospect avenue and putting up some fine houses at their Maywood place. Their increasing business necessitated an increase in room.

E. A. Humfeld has some of the finest mums your correspondent has ever seen here, planted on his benches, and we predict for him a banner crop.

W. L. Rock is finishing some very fine houses at his place and contemplates extensive improvements in the near future.

Kansas City will be represented at the convention next month at Washington, a number having expressed their intention of being present. What is the matter with this city next year?

Quite a number of hallway florists have dropped out of business the past week, not being able to stand the pressure of poor business, but with the advent of cooler weather we can look for them again.

Miss M. Dalley seems to be doing quite a nice business, even in these dull times, having one of the best locations, coupled with untiring energy.

D. Freudenthal is also doing a nice business at his store, and, together with handling his local trade, keeps the majority of the stores here supplied.

NARCISSUS.

NEW ORLEANS.

The New Orleans Horticultural Society holds an annual outing of greater duration than the trips of the trade organizations of the northern cities. This year it was to Grand Isle, in the Gulf, and began early Saturday morning, ending late Monday evening. The date was July 8 to 10. This is the way the Picayune's star reporter led off a two-column account of the affair:

Where melancholy bayous wend through reedy banks a sluggish course to the restless sea; where shallow lakes toss whitecaps in the salty breeze; where the cry of the wild bird is ever to be heard, and where the very atmosphere seems to breathe of the earth primeval, twenty-three members of the New Orleans Horticultuiral Society and seven of their guests spent the better part of Saturday, and as the first hours of a new day were adding their mite to make up the greatness of time's score, from the main deck of a stanch little steamer the excursionists made out in the shadowy darkness the snowy crest of the ocean billows, heard the crashing of the deluge on the distant beach, and so came to their journey's end

There are many unfamiliar sights on such a trip as this and the affair was hugely enjoyed. President H. Papworth and Vice-president Charles Eble were unable to make the trip, and in their absence Secretary C. R. Panter was the presiding officer. With Mr. Panter as sort of master of ceremonies was Richard Eichling, manager for U. J. Virgin. At Saturday morning's breakfast the roll was called and the following members of the society were found to be present: Mr. Panter, John Eblen, treasurer; Richard Eichling, C. W. Eichling, J. H. Menard, E. Valedjo, J. A. Newsham, Paul A. Chopin, J. St. Mard, F. Faessel, B. G. Wichers, W. G. Wichers, H. Elwell, F. Zeigeler, R. Eilers, O. Werner, Frank Brocker, F. Calongne, H. Kraak, Otto Abele, Paul Eble and M. M. DeLapouyade. The guests were: R. P. Upton, Charles Schenck, W. Stolzenthaler, M. Stolzenthaler, L. Beaudean, J. B. Dauenhauer and E. Wichers.

WINONA, MINN.—J. W. Booth is receiver for the Winona Floral Co. The first meeting of creditors is set for July 25 at the office of Wm. Burns, referee in bankruptcy. H. W. Rogers and R. G. Guenther, members of the firm, have filed individual petitions in bankruptcy but their assets and liabilities are inconsiderable.

60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

MAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

SMILAX

2½-inch pots, $1.50 per 100; $12.50 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

ROSES! STEVIAS!

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Am. Beauties.	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John...	4.00	35.00	5.00	45.00

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Golden Gates..	$2.50	$20.00	$4.50	$40.00
Bridesmaids..	3.50	30.00	5.00	45.00
Brides.....			5.00	
Sunrise.....			5.00	

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for FINEST CUT ROSES, CARNATIONS, ETC.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO., - MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO.

Mention The Review when you write.

GOLDEN GATE ROSES

Fine, healthy plants out of 3-inch pots, $3.00 per 100; $25.00 per 1000. Cash with order please.

PATERSON ROSE CO., PATERSON, N. J.

Mention The Review when you write.

BRIDES AND MAIDS

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace Dissemination 1906. Early. Commercial. $ 2.00 per doz. 12.00 per 100 100.00 per 1000

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

Mention The Review when you write.

La France Roses

Extra strong 4-inch pots, 2 feet high, clean and vigorous, $12.50 per 100.

Latania Borbonica

Large fine lot. To close out.
2½-inch pots in extra good condition. (Will make fine fall stuff if shifted at once.) $3.50 per 100; $30.00 per 1000.

Chrysanthemums

2½-inch pots, good stock, of the following varieties: Dr. Enguehard, Duckham, Silver Wedding, Appleton, Cantbury, Ida Barwood, and Alice Byron, $2.50 per 100.

Satisfaction guaranteed.
Cash with order, please.

"CRITCHELL'S"

Avondale, - Cincinnati, Ohio.

Mention The Review when you write.

BENCH PLANTS

One year old, cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3 50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of
CUT FLOWERS,
51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

ROSES! ROSES!

KAISERINS .....in 2 and 3-inch rose pots
WOOTTONS.....in 2 and 3-inch rose pots
PERLES .....in 2-inch rose pots
LA DETROIT..... in 2 and 3-inch rose pots
As well as other varieties.
Special—UNCLE JOHN and CHATENAY. Order a 100 of each for trial.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

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Carnation Grower
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FIELD-GROWN CARNATIONS

READY FOR SHIPMENT

Our plants being from **EARLY PROPAGATION** are **EXCEPTIONALLY LARGE** for this season of the year, thereby enabling us to make shipments earlier than heretofore and beg to quote the following:

	100	1000		100	1000
Mrs. Lawson, pink	$5 00	$45.00	Flamingo, red	$8 00	$75.00
Mrs. Nelson, pink	5.00	40.00	Mrs. Ine, red	5.00	40.00
Triumph, pink	5.00	40.00	Roosevelt, crimson	5.00	40.00
Boston Market, white	6.00	55 00	Harry Fenn, crimson	5.00	40.00
Flora Hill, white	5.00	40.00	Guardian Angel, pink	4.00	30.00

If you are looking for a good, profitable white carnation be sure and order **Boston Market.** It leads by far all others, being the most called-for white carnation on this market.

All plants guaranteed to be in **A-1 CONDITION,** free from stem-rot or disease of any kind and if not found to be fully as represented we agree to make refund upon return of any unsatisfactory shipment.

5 per cent discount on lots of 5000 or over, 10 per cent discount on lots of 10,000 or more will be allowed from above prices.

ROSES To clean out we are offering at a very low price the following rose plants, which are in good condition:

AMERICAN BEAUTY bench plants....$3.50 per 100; $20.00 per 1000
BRIDE-MAIDS, 2-inch..... ..... 2.50 per 100; 20.00 per 1000
UNCLE JOHN, 2-inch..... 2.00 per 100; 15.00 per 1000

Satisfactory references required, otherwise shipments will be sent C. O. D.

J. A. BUDLONG

37-39 Randolph Street
Chicago

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Rose Plants

OWN ROOTS Per 100

500 Perle des Jardin, 3-inch, $6 00
300 Mildred Ware, 3-inch, - 8.00

GRAFTED

400 Mme. Hoste, 3-inch - 8.00
300 Mme. Cusin, 3-inch - - 8.00

John Breitmeyer's Sons,
DETROIT, MICH.

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10,000 Standard and New

Chrysanthemums

3 and 4-inch pots.

3000 Roses

Maids, MacArthur, Uncle John, Ivory, Chatenay.

Write for Prices.

The Gasser Company, Cleveland, O.

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ROSES! ROSES! ROSES! ROSES!

Clearance Prices, Choice Plants	100	1000
Brides, Maids, Meteors, 3-in	$3 50	$35 00
Golden Gates Hermosa, Soupert	4 00	37 50
Brides, Meteors, Hermosa, 2½-in	2.25	20 00

Exceptional value at these low rates Order soon. They will not stay with us long at these prices.

FIELD CARNATIONS READY. Lawson, Joost, Norway, Prosperity, Crane and Armazindy at $5 00 per 100.

W. H. GULLETT & SONS, LINCOLN, ILL.

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YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Roses!

	Per 100	1000
Am. Beauty, 3-inch	$ 6 00	$ 50 00
Kaiserin, 3-inch	5 00	45 00
Chatenay, 3-inch	4 00	35 00
Rosalind Orr English, 2½-inch	25 00	200 00
Am. Beauty, 2½-inch	5 00	40 00
Uncle John, 2½-inch	3 00	25 00
Chatenay, 2½-inch	3 00	25 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG

51 Wabash Ave.
Telephone 2846 Central. **Chicago**

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ROSES

Bargain Prices while they last.

	2¼-inch Per 1000	3-inch Per 1000
BRIDES	$20.00	$30.00
BRIDESMAIDS	20.00	30.00
METEORS	20.00	30.00

The above stock is thoroughly first-class and well rooted and ready for planting.

Lake View Rose Gardens
JAMESTOWN, N. Y.

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MOLINE, ILL.

The Tri-City Florists' Association held a regular monthly meeting July 13, at Staack & Sons, in this city. There was nearly a full attendance and the session proved exceedingly interesting. The work of the past year was reviewed. After this plans for the coming six months were discussed. It was decided to hold discussions monthly, the president to announce the subject at the meeting preceding the one at which it is to be discussed. It was also decided to hold the annual picnic of the association at Suburban park on July 27. This picnic is an annual event and has proved most enjoyable in the past.

E. Sly, of Iona, Mich., was present as a guest of the club and made an excellent talk.

John Temple, John Staack and Theodore Ewoldt are to attend the convention at Washington.

MIGNONETTE.

A few weeks ago Mr. Scott told us in the REVIEW that in starting mignonette seed to use hellebore dusted on the plants to kill the green worm. What we want to know is, shall we use it pure or mixed with air-slaked lime and dust it on the plants when they are dry or just after spraying? Do the plants want shade on the glass until the middle of September or shall we grow them in the bright sun all the time? We are planting our seed now, July 12. A. R. & S.

We always used the hellebore pure, as we bought it, sprinkling the mignonette before we dusted with the hellebore. It is not likely you will be troubled with the little green worm for six weeks yet, as the yellow cabbage butterfly does not appear with us until the end of August. A light shade would be a benefit for another month, but once the mignonette plants are an inch or so high they want the fullest light. W. S.

CENTRALIA, ILL.—J. W. Ross is building a new house 30x144 and will put up another 30x160, largely increasing his capacity, but not then giving him supplies equal to the rapidly increasing demand. He has his chrysanthemums and carnations benched in fine shape.

PALMS, FERNS
and all
Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

Begonia
Gloire de Lorraine
2-in. stock, ready for a shift, $12.00 per 100.
JULIUS ROEHRS CO., Rutherford, N. J.
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Geraniums
Now ready. Good stocky plants from 2-in. pots.

Alph. Ricard	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Beaute Poitevine	2.00 "	La Favorite	2.00 "	Mme. Landry	2.00 "
Bertha de Presilly	4.00 "	La Pilote	2.00 "	Mar. de Casteliane	3.00 "
Bruanti	2.00 "	Le Cid	2.00 "	Mar. de Montmort	2.00 "
Centaure	2.00 "	M. Jolly de Bammeville	4.00 "	Miss F. Perkins	2.00 "
E. H. Trego	5.00 "	Mme. Charlotte	2.00 "	S. A. Nutt	2.00 "
Gloire de France	2.00 "			Thos. Meehan	3.00 "

We will send 1000 (50 each) of the above varieties for $20.00.

Hardy Chrysanthemums
Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties, $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.
A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. Write us and we will tell you about trains, etc.

R. VINCENT, JR. & SON, WHITE MARSH, MARYLAND
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PRIMROSES
Chinese Obconica and Forbesi. $2.00 per 100. Cash or C. O. D.
CINERARIA, ready Sept., $2.00 per 100.

ASPARAGUS
Plumosus Nanus, 2¼-in. pots, $2.00 per 100.
Pansy Seed, large flowering, oz., $4.00.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.
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Nephrolepis Barrowsii
$25.00 per 100.
Scottii $10.00 per 100
Henry H. Barrows & Son
WHITMAN, MASS.
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Gerbera Jamesoni
I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3.00 per dozen.
CHARLES H. TOTTY, MADISON, N. J.
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Asparagus Pl. Nanus
Seedlings from flats, ready for 2½-in. pots, $12.00 per 1000. Asparagus Sprengeri, $10.00 per 1000. Cash with order, prepaid.
Large field-grown Asp. Pl. Nanus, fine for benching and will give great satisfaction, $40.00 per 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Lake Co., Fla.
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PRIMULAS
Primula Buttercup, 2-inch, $3.00 per 100.
Primula Obconica Grandiflora, 3-inch, $6.00 per 100.
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Araucaria Excelsa
OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

5¼-in. pots, 10 to 12 in. high, 2 years old, 50c each.
5½-in. pots, 12 to 14 inches high, 60c each.
6-in. pots, 14 to 16 inches high, 75c each.
6¼-in. pots, 16 to 20 inches high, $1.00 each.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25, $1.50, $1.75, $2.00 each.
Araucaria Excelsa Glauca $1.00, $1.25, $1.50 ea.
Kentia Forsteriana, 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.
Ficus Elastica, imported, 4-in. pots, 25c.; 5 and 5½ in., 35c. and 40c. each.
Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, very strong, at the rate of 12c.
Asparagus Plumosus Nanus, 2-inch pots, ready for 3-inch, $5.00 per 100.
Cocos Weddelliana, 3-in., 15c. By doz. or 100.
Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each.
Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,
Importer and Wholesale Grower of
POT PLANTS.
1012 Ontario St., PHILADELPHIA, PA.

Boston Ferns FINE STOCK FROM BENCH

Ready for 5-inch pots, $3.00 per doz.; $25.00 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	10	46-50	7-8	$7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
"	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18 00	
" "	7			2.00	24.00	
" "	9			3 00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
" "	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "				5.00
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

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Violets

Marie Louise, Lady Campbell, Dorsett, single,
From 2-inch pots, $2.50 per 100; $20.00 per 1000.

CARNATION PLANTS

FIELD-GROWN

Lawson	$5.00 per 100; $45.00 per 1000
Glacier	5.00 per 100; 45.00 per 1000
Estelle	5.00 per 100; 45.00 per 1000
Morning Glory	5.00 per 100; 45.00 per 1000
Enchantress	7.00 per 100; 60 00 per 1000

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FERNS

FOR FERN DISHES

from 2¼-inch pots, very fine assortment, $3.00 per 100. Ferns ready for potting, $1.00 and $1.50 per 100.

DRACAENA TERMINALIS
2¼-inch pots, $10.00 per 100.

ASPARAGUS PLUMOSUS
very fine plants, 4½-inch pots, $20.00 per 100. Cash with order, please.

ANTON SCHULTHEIS,
College Point, L. I., N. Y.

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Geraniums

Single and double, standard varieties, named, $2.50 per 100.

Geranium Telegraph, 2-in	$6.00 per 100
Ivy Geranium, 2-in	2.50 per 100
Boston Ferns, 8-in. pans, $10 per doz.	
Asparagus Sprengeri, 2-in	2.50 per 100
Asparagus Plumosus, 2-in	2.50 per 100
" " 3-in	4.00 per 100
English Ivy, 2-in	2.00 per 100
Brides and Bridesmaids Roses	2.50 per 100
American Beauty, 2-in	4.00 per 100
Dracaena Indivisa, 2-in	2.50 per 100
" 3-in	4.00 per 100
White Moonvines, 2-in	2.50 per 100
Fuchsias, named varieties, 2-in	2.50 per 100

The National Plant Co., Dayton, Ohio

Always mention the Florists' Review when writing advertisers.

50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus, 2-inch, $2.00 per 100
" " " 3-inch, 3.00 "
" " " 3½-inch, 4.00 "
" " " 4-inch, 5.00 "

Express prepaid at above prices. Cash, please.
10 per cent off on lots of 250 and over.

Wm. Linfoot, 317 N. Vermilion St, Danville, Ill.

WANTED To EXCHANGE PALMS FOR ASPARAGUS

2½-inch Latania Borbonica, fine stock, for Asparagus Plumosus Nanus, 3-inch or 4-inch pots. Samples exchanged.

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AVONDALE, CINCINNATI, OHIO.

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SPRENGERI

2-in., $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

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ASTER PLANTS

Carlson's White and Semple's Pink, 50c per 100; $2.50 per 1000.
Chinese Peppers, $2.00; Ruby King, $1.50 per 1000.
Succession Cabbage, $1.50 per 1000.
Celery, Giant Pascal, $2.00 per 1000.
Pansy plants, in bud and bloom, $4.00 per 1000.
Myosotis, 30c per 100; clumps, $1.00 per doz.

F. Griswold, Worthington, Ohio.

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ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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VIOLETS.

Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better. Only $2.00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.

GEO. T. SCHUNEMAN, Baldwins, L. I, N. Y.

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5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times. Send for sample. $15.00 per 1000, $2.00 per 100. 500 at 1000 rate.

THOMAS H. PATERSON,
278 Old York Road, BALTIMORE, MD.

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SCARLET SAGE,

From 2-inch pots	$2.00 per 100
Dwarf Sweet Alyssum, 2-inch pots	2.00 "
Verbenas, 2-inch pots	2.00 "
Vinca Variegata, 2-inch pots	2.00 "
Cuphea, (Cigar Plant), 2-inch pots	2.00 "

Also Asters, Cannas, Candytuft, Mums Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30 00 per 1000. Strong plants ready for immediate planting.

KAISERINS strong, 3-in., $6 00 per 100; $50.00 per 1000.

CHAS. E. MEEHAN, Slocum and Musgrove Sts., Germantown, Phila., Pa.

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ALL SIZES
ALL PRICES

C. C. POLLWORTH CO., Milwaukee, Wis.

SHIPMENTS VIA ALL RAILROADS. WRITE FOR CATALOGUE.

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CINCINNATI.

Trade continues at the usual summer level; not much doing but funeral work. Stock is also in keeping with the season; not in large supply and roses and carnations both microscopical in size.

On Saturday evening the Florists' Society held its monthly meeting and installed its new officers. Wm. Murphy is now serving his third term in the chair.

We hope to take a goodly delegation to the convention and every indication is that we shall not be disappointed.

It is a mistake that Cincinnati will ask for the convention in 1906. We want it in 1909, when Cincinnati will have a big anniversary celebration all summer.

ATLANTA, GA.

Trade in our city has been very good, considering the season. Stock is rather scarce; that is, first-class stuff.

Some of our local florists are contemplating big changes for the coming winter season. The West View Floral Co. and The Dahl Co. will soon change the location of their stores, owing to the fact that the buildings in which they are located have changed hands and some large improvements are anticipated.

James Burpitt, a pioneer florist of this city, was found dead in his bed on the morning of July 7, the cause being heart failure. He was to have accepted a position as foreman at the Dahl Company greenhouses this coming fall.

W. J. L.

ATHOL, MASS.

George W. Sutherland is planning to erect two more greenhouses, as the demand for more flowers has nccessitated such a move. The new houses will be 11x25 and 22x100 feet respectively. It is intended to utilize the smaller for a palm house, and the larger for the growing of carnations. The house which is now used for growing carnations will be devoted to roses. It is hoped to have the two new houses ready for use in the fall. Mr. Sutherland has bought a new boiler, which is used in operating the fertilizer pump. There is no more hustling young business man in Athol than Mr. Sutherland, and he is making a fine success in the florist business.

Mt. Vernon, Ia.—C. S. Meeks has taken Adair Cowan into partnership and the firm will enlarge the glass and the business.

Carnations FIELD GROWN

2000 The Belle	$10.00	per 100;	$95 00	per 1000
2000 Flamingo	8 00	"	75.00	"
1200 Mrs. Patten	8 00	"	75.00	"
1500 Nelson Fisher	8.00	"	75.00	"
2000 Lawson	8 00	"	75 00	"
1000 Boston Market	6.00	"	55.00	"
1000 Mrs. Nelson	6 00	"	55 00	"
1800 White Cloud	6.00	"	55 00	"

CHRYSANTHEMUMS

Ben Wells, Et. Bonnefond, Viviand-Morel, Millicent Richardson, Wm. Duckham, Lord Hopetoun, Silver Queen, Kimberly, Percy Plumridge, Thirkell, S T. Wright, White Bonnaffon, Col. Appleton, Mrs. Chamberlain, C. H. Diedereich, Dr. Enguehard, Major Bonnaffon, Yellow Jonee, F. S Vallis, Dalskov, Mrs. Coombes, Mrs. T. W. Pockett Marie Liger, Ivory, Boccace, Col. Rowell, C. J. Salter, White Maud Dean, Mounier, Fee du Champsaur, 2-in., $3.00 per 100.

ROSE PLANTS

750 3-in. Brides, 900 3-in. Bridesmaids, $4.50 per 100; $40.00 per 1000. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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MUMS..

1000 fine plants Major Bonnaffon, 2½-inch pots; 300 W. H. Lincoln, best yellow for pots, 2½-inch pots, $2.50 per 100; $20.00 per 1000.

Cyclamen Seed

FRESH CROP.

White, red-eye; rose, lavender, white; colors separate, $5 00 per 1000. Ready now.

BAUR & SMITH

38th St and Senate Ave.,

Indianapolis, - Indiana.

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MUMS

FINE YOUNG PLANTS

Shaw, Bailey, Jones, Ivory, Pink Ivory, Appleton, Bonnaffon, Halliday, Polly Rose, Pacific, Parr, Perrin, Robinson, etc. Out of 2½-inch pots, $2.50 per 100; $20.00 per 1000.

Cash with order.

CHAS. ZIMMER

WEST COLLINGSWOOD, N. J.

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Order Quick

Satisfaction Guaranteed

20,000 SMILAX

Extra strong plants from 2¼-inch pots, $1.25 per 100; $12.00 per 1000.

6000 GERANIUM BRUANT

The very best scarlet bedder. Fine plants from 2½-inch pots, $1.50 per 100; $14 00 per 1000.

ASP. PLUMOSUS NANUS

Strong 2-inch plants, $2 00 per 100; $18.00 per 1000.

ASPARAGUS SPRENGERI

Extra strong seedlings, as good as average 2-inch, 60c per 100; $5 00 per 1000. CASH.

The W. T. Buckley Co., Springfield, Ill.

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Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,

ADRIAN, MICH.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

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Choice Rose Stock.

KILLARNEYS, 2½ and 3½-inch pots.

Brides, 2½ and 3½-inch pots.

Bridesmaids, 2½ and 3½-inch pots.

Write for prices.

JOHN YOUNG, 51 W. 28th St.

Telephone 4463 Madison New York City

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Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
2000 lbs. (ton)	$30.00		

BLOOD AND BONE Samples and guaranteed analysis furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs $2.00 200 lbs $4.00 500 lbs $9.00 1000 lbs $16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

100 lbs $1.50 500 lbs $5.00 2000 lbs. (ton) $16.50

Samples and guaranteed analysis sent on request.

E. H. HUNT, 76 Wabash Avenue, CHICAGO

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Boston Ferns

4, 5, 6, 7, 8 and 10-inch now ready.

PIERSONI in 6 and 10-inch, extra fine stock.

SCOTTII specimen plants in 10-inch.

PLUMOSUS 2, 3, 4, 5 and 6-inch.

SPRENGERI 2, 3, 4, 5 and 6-inch.

This is stock that you can make money on during the Summer and Fall. Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, July delivery, from 2½-inch pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

PLUMOSUS,
PIERSONI FERNS,
BEDDING PLANTS.

J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.
Send for Price List.

Mention The Review when you write.

MICHEL
Plant and Bulb Co.
ST. LOUIS, MO.

Mention The Review when you write.

S. S. SKIDELSKY,

824 North 24th St.,
PHILADELPHIA.
CORRESPONDENCE SOLICITED.
Mention The Review when you write.

C. R. HILLS, Grand Rapids, Mich.

La Detroit Chatenay and Sunrise, 3-in.,	$5.00 100	Christmas Peppers, 2¼-in.	$2.00 100
Asparagus Plumosus Nanus, fine strong plants, 3-in.	5.00 "	Forget-Me-Nots, field clumps	4.00 "
Primulas, all var., about Aug. 10, 2¼-in.	2.00 "	Aquilegias, assorted varieties 2¼-in	2.00 "
Cineraries about Aug. 15, 2¼-in.	2.00 "	Antirrhinum, assorted colors, 2¼-in.	2.00 "

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

Mention The Review when you write.

LUDVIG MOSBAEK,
ONARGA, ILL.

	Per 100, 2¼-in.
50,000 Asparagus, Plum. and Spreng., 3-in., $5.00	$2.50
8,000 Coleus, standard varieties	1.50
30,000 Smilax, 2¼-in., 1000, $15.00	2.00
5,000 Umbrella Plants, 4-in., 100, $6.00	2.50
5,000,000 Celery Plants; 1000, $1.00; trpl., 1000, $2.00.	

All other bedding and vegetable plants. Price list mailed free.

Mention The Review when you write

BEGONIA VERNON

2½-inch pots, $2.50 per 100.

	Per 100
COLEUS—Verschaffelti, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

Mention The Review when you write.

CYCLAMEN, ROSES

	Per 100
2-in. Cyclamen, in 5 separate colors	$4.00
1000 2½-inch Ivory Roses	3.00

Pansy Seed for florists, extra fine imported strains, ½ oz., $2.50; 1 oz., $5.00.

D. U Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

Mention The Review when you write.

Asparagus Sprengeri

3-year-old, 6-inch pots, bushy, $7.00 per 100.

ALYSSUM DOUBLE GIANT

2½-inch pots, bushy, $2.00 per 100.

G. W. RENARD, Avondale, Pa.

Mention The Review when you write.

CELERY PLANTS
In Any Quantity.

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

R. VINCENT, JR., & SON
White Marsh, Md.

Mention The Review when you write.

CYCLAMEN GIGANTEUM

large flowering, extra fine plants, ready to shift, 3-inch, $5.00 per 100.

Primroses, 2¼-inch $2.00 per 100
Asparagus Sprengeri, 2¼-inch 1.50 per 100

Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Mention The Review when you write.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS, COLEUS and general bedding stock in large quantities.
Write for prices. Cash or reference.

L. H. FOSTER ESTATE,
45 King St., DORCHESTER, MASS.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Adiantum cuneatum, 4-in., very strong, 12c.
G. Aschmann, 1012 Ontario St., Phila.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each.
Also a grand solid green specimen, 18 good leaves, some over 7 in. wide and 51 in. high. Will include painted tub for $10.00. Can ship by freight. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, double giant, 2½-in., bushy, $2.00 100. G. W. Renard, Avondale, Pa.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ANTIRRHINUMS.

Antirrhinums, assorted colors, 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

AQUILEGIAS.

Aquilegia, assorted varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for 2½-in. pots, $12.00 1000; Sprengeri, $10.00 1000; prepaid if cash with order. Large field-grown plumosus nanus, fine for benching, $40.00 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten percent off on lots of 250 and over. Cash, please.
Wm. Linfoot, N. Vermilion St., Danville, Ill.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus plumosus, from flats, $15.00 1000. Asparagus Sprengeri, 2½-in., $2.00 100, $15.00 1000. Cash. Max E. H. Keffel, 699 So. Boyle Ave., Los Angeles, Cal.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000. Sprengeri, extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

30,000 Asparagus plumosa and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus plumosus nanus, extra strong seedlings, ready for 2¼-in. pots, $1.25 100, $10.00 1000. Delivery paid.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus seedlings, $1.15 per 100; $10.00 per 1000, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. Cash.
Baur Floral Co., Erie, Pa.

Asparagus Sprengeri, 2-in., $2.50 100; plumosus, 2-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri, for benching, 2½-in., $2.00 per 100; $5.00 for 300. Cash.
Krueger Bros., Toledo, O.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

400 Asparagus plumosus nanus, 3-in., strong, $5.00 per 100, for cash.
Loeffler & Benke, Watertown, Wis.

Asparagus plumosus, fine plants, 4½-in. pots, $20.00 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, fine, strong plants, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 3 yrs. old, 6-in. pots, bushy, $7.00 100. G. W. Renard, Avondale, Pa.

Asparagus plumosus nanus, from flats, $6.00 per 1000. J. F. Allen, Orlando, Fla.

Asparagus Sprengeri and plumosus, in 2 to 6-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus. Good stock.
J. B. Braidwood, Colorado Springs, Colo.

ASTERS.

Asters, early and late, in separate colors and mixed, field-grown, $2.50 per 1000; transplanted, $3.00 per 1000. Cash. E. Fryer, Johnstown, Pa.

Asters. Carlson's White and Semple's Pink, 50c 100; $2.50 1000.
F. Griswold, Worthington, O.

BEDDING PLANTS.

LOOK AT THESE BARGAINS.
3000 geraniums, in bud and bloom, 3½-in. pots; 500 fuchsias, out of 3½-in. pots, $3.50 100.
1000 Echeveria secunda glauca, 3000 Asparagus Sprengeri, 2½-in. pots; 250 celosia, dwarf, 2½-in. pots, $2.50 100.
5000 alternantheras, red and yellow; 1000 verbenas, assorted colors; 1000 Mme. Salleroi geraniums, 2-in.; 1000 Salvia Bedman, 2-in., $1.00 100. Cash.
Roy Houston, Somerville, N. J.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

We have a full line of good stock.
J. B. Braidwood, Colorado Springs, Colo.

BEGONIAS.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Rex begonias, rooted cuttings, mixed, at $1.00 per 100. Cash with order.
Birmingham Floral Co., Birmingham, Ala.

Begonia Gloire de Lorraine, 2-in. stock, ready for a shift, $12.00 100.
Julius Roehrs Co., Rutherford, N. J.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2½-in., $2.00 per 100.
Morton's Evergreen Lodge, Clarksville, Tenn.

Christmas peppers, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

BULBS.

Bermuda and California freesias. Plant these at once to secure early bloom.

	12	100	1000
½ to ¾-inch	$.15	$ .75	$6.00
Mammoth	.20	1.00	7.50
Oxalis—			
Bermuda, yellow	.20	1.00	7.50
Grande Duchesse, white	.20	.75	6.00
Grande Duchesse, rose	.15	.65	5.50
Grande Duchesse, lavender	.10	.50	4.00

LILIUM HARRISII.
ONE BRAND ONLY. THAT THE BEST.

	12	100	1000
5 to 7-inch	$ .50	$ 3.75	$33.00
6 to 7-inch	.65	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
9 to 11-inch	2.00	15.00	

Calla, French and Dutch bulbs—August, September. Send for list and estimates.
H. H. Berger & Co., 47 Barclay St., New York.

Fine calla bulbs, free from disease, 1½ in. diameter, $4.00 100; $35.00 1000; 2 in. diameter, $5.00 100; $45.00 1000; 2½-in. diameter, $6.00 100; $55.00 1000; 3 in. diameter, $7.50 100; $70.00 1000. Freight prepaid at above prices. 250 at 1000 rate. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.
R. Fischer, Great Neck, L. I., N. Y.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Freesias, ready now. Fine stock in any quantity up to ½-in. Grand Duchess oxalis—pink, white and lavender; Amaryllis Johnsonii and Belladonna, and Chlidanthus fragrans.
Rees & Compere, Long Beach, Cal.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Narcissus. Surplus stock, strong, blooming bulbs, fine for Decoration day, in 4 hardy sorts, double and single, 60c 100; $5.00 1000.
F. A. Baller, Bloomington, Ill.

Narcissi, strong healthy bulbs for forcing. Per 1000: Empress, $16.50; Emperor, extra fine, $12.50; Golden Spur, $17.50; Dbl. Von Sion, 1st size, $8.50.
N. Le Page, Mt. Vernon, N. Y.

Calla bulbs, 1 to 1½-in., $4.00 100, $30.00 1000; 1½ to 2-in., $5.00 100, $40.00 1000; 2 to 2½-in., $6.00 100, $50.00 1000. Ready Aug. 1.
California Nursery Co., Niles, Cal.

Virginia-grown narcissus bulbs, P. ornatus, $4.00 1000; Princeps, $5.00 1000; Emperor, $14.00 1000. Special prices on large quantities.
Post Bros., Ettrick, Va.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Florists' bulbs, best grade only. Import orders now booked. Write for prices.
W. C. Beckert, Allegheny, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Dutch bulbs. Special quotations on receipt of quantities required.
Franken Bros., Lake Forest, Ill.

Send us your list of fall bulbs; we will quote you special prices.
Holmes Seed Co., Harrisburg, Pa.

CARNATIONS.

Strong, clean, healthy field-grown carnation plants now ready.

	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
Harlowarden	5.00	45.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants now ready, 1000 The Queen, 1st size, $6.00 100; 2d size, $5.00 100. 600 White Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Red Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Tiger, best fancy, 1st size, $6.00 100; 2d size, $5.00 100. Samples free by express. Cash.
Henry Eichholz, Waynesboro, Pa.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
S. J. Goddard, Framingham, Mass.

Field-grown carnations.

	100	1000		100	1000
The Belle	$10.00	$95	Flamingo	$8.00	$75
Mrs. Patten	8.00	75	N. Fisher	8.00	75
Lawson	8.00	75	Boston Mkt.	6.00	55
Mrs. Nelson	6.00	55	White Cloud	6.00	55

W. J. & M. S. Vesey, Ft. Wayne, Ind.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.
John H. Sievers & Co., 1251 Chestnut St., San Francisco, Cal.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$5.00	$45	Glacier	$5.00	$45
Estelle	5.00	45	Morn'g Glory	5.00	45
Enchantress	7.00	60			

Eli Cross, Grand Rapids, Mich.

150,000 field-grown carnation plants. We are now booking orders for same. Let us quote prices on your wants.
S. J. Reuter, Westerly, R. I.

Queen and Fair Maid, field-grown carnation plants, good stock for fall delivery. Write for prices. H. S. Courtney, Sparkill, N. Y.

Field-grown plants of Lawson, Joost, Norway, Prosperity, Crane and Armazindy, $5.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Carnations, field-grown. New and standard varieties. Write for prices.
A. C. Canfield, Springfield, Ill.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Surplus chrysanthemums, Merry Christmas, Wm. Duckham, Dr. Enguehard, Sinclair, Bonnaffon, Ivory, Pink Ivory, Maud Dean, Alice Byron, Philadelphia, J. Jones, Glory of Pacific, Polly Rose, Pink Jones. Out of pots, $3.00 100 if a number of varieties are taken.
H. W. Field, Northampton, Mass.

Chrysanthemums. 40,000 rooted cuttings, $9.00 per 1000, in the following good kinds: Ivory, Bonnaffon, Maud Dean, Appleton, P. Rose and others; also plants from pots at $2.00 per 100; 300 for $5.00, our selection. We guarantee to please you or refund money.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemums for sale or exchange, from 2½-inch pots and from trays, with two to three shoots. Polly Rose, Glory of Pacific, Bonnaffon, $2.00 100. Want 300 White Ivory, 500 Timothy Eaton, 200 Queen and 200 Mrs. Jerome Jones. A. E. Fancher, Binghamton, N. Y.

Chrysanthemums, fine young plants of Ivory, Bailey, Shaw, Jones, Pink Ivory, Appleton, Bonnaffon, Halliday, Polly Rose, Pacific, Parr, Perrin, Robinson, etc., out of 2½-in. $2.50 100, $20.00 1000. Cash with order.
Chas. Zimmer, West Collingswood, N. J.

Chrysanthemums, 2½-in. pots, good stock, of the following varieties: Dr. Enguehard, Duckham, Silver Wedding, Appleton, Cantbury, Ida Barwood and Alice Byron, $2.50 100. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Chrysanthemums Polly Rose, Ivory, White Jones, Pacific, Estelle, Halliday, $1.00 per 100. Nellie Pockett, Marie Liger, Alice Byron, Marion Newell, $1.50 per 100. Cash with order.
E. Fryer, Johnstown, Pa.

Last call for mums. Wm. Duckham, 2c; F. A. Cobbold, 3c; Enguehard, 3c; fine, strong plants to clean up; also a few hundred different varieties. Cash with order.
Gunnar Teilmann, Marion, Ind.

Major Bonnaffon, 1000 fine plants, 2½-in. and 300 W. H. Lincoln, best yellow for pots, 2½-in., $2.50 100, $20.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

10,000 standard and new chrysanthemums, 3 and 4-in. pots. Write for prices.
The Gasser Co., Cleveland, Ohio.

CINERARIAS.

Cinerarias (August 15), 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
W. H. Salter, Rochester, N. Y.

COBAEAS.

Cobaea scandens, 3-in., large, $3.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

COLEUS.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

CUPHEAS.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. Twice transplanted, $3.00 100, $25.00 1000; 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.
C. Winterich, Defiance, O.

Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

Cyclamen, giant, mixed, $4.00 100.
John F. Rupp, Shiremanstown, Pa.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, from bench, 12 inches and up, $11.00 per 1000, prepaid. Cash.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 4-in., strong, $5.00 per 100; 5-in., extra strong, $10.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

Dracaena terminalis, 2¼-in. pots, $10.00 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Dracaena indivisa, 2-in., $2.50 100; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaena indivisa, 3-in., $5.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

FERNS.

FERNS OUR SPECIALTY.
We have over a half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium taussimense, Cyrtomium falcatum, Doodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.
Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.
CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium taussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
R. G. Hanford, Norwalk, Conn.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Florists' ferns. Best assortment known for fern dishes, ready from flats. Extra strong seedlings, $1.25 100, $10.00 1000, including delivery. 2¼-in. pots, $3.00 100, $25.00 1000, f. o. b. only.
H. H. Berger & Co., 47 Barclay St., New York.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Boston ferns, fine stock from bench, ready for 5-in., $3.00 doz.; $25.00 100. From 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

Boston ferns, in from 4 to 10-in., ready now. Piersoni, extra fine, 6 and 10-in. Scottii, specimens, 10-in. There is money in this stock for you. Geo. A. Kuhl, Pekin, Ill.

Ferns for fern dishes, from 2½-in. pots, fine assortment, $3.00 100. Ferns ready for potting, $1.00 to $1.50 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash. H. Weston, Hempstead, N. Y.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston fern, 8-in. pans, $10.00 doz.
National Plant Co., Dayton, Ohio.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

Piersoni ferns in all sizes.
J. B. Braidwood, Colorado Springs, Colo.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

FORGET-ME-NOTS.

Myosotis, 30c 100; clumps, $1.00 doz.
F. Griswold, Worthington, O.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

FUCHSIAS.

Fuchsias, named varieties, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

GARDENIAS.

Gardenia Veitchii, true variety, strong busy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

GENISTAS.

Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
The Conard & Jones Co., West Grove, Pa.

GERANIUMS.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100.
Chas. Gay, Des Moines, Iowa.

Geraniums. A score of the very best new varieties. See classified adv. Apr. 13. A lot 2-in., $4.00 per 100. Every plant labeled. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, single and double, standard varieties, named, $2.50 100. Telegraph, 2-in., $6.00 100; ivy, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

Geraniums, 700 strong 3-in., S. A. Nutt, $3.50 per 100, to close.
The Stover Floral Co., Grandville, Mich.

Bruanti geraniums, the very best scarlet bedder, fine plants, 2½-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Geraniums, good 4-inch stock, $6.00 100; 2½-inch, $2.00 100.
Geo. Bishoff, Ann Arbor, Mich.

Geranium Mme. Sallerol, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Golden Glow, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

IVY.

Ivy. I want variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to
O. H. Dickenson, 27 Lyman St., Springfield, Mass.

English ivy, 4-in. pots, 2 plants in pot, $8.00 per 100. English ivy, var., 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

German ivy, 2¼-in. pots, $3.00 100; 3½-in., $6.00 100. S. S. Peckham, New Bedford, Mass.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, Ohio.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Cold storage lily of the valley, large, strong, selected pips in boxes of 2500. For price, address
Wm. Hagemann & Co., 55 Dey St., New York.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Ang. Rhotert, 26 Barclay St., New York.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Lily of the valley. Write
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
J. B. Keller Sons, Rochester, N. Y.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MOONVINES.

Moonvines, white, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

MUSHROOM SPAWN.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

Frequent importations best English mushroom spawn; always fresh and lively.
J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

BUSINESS BRINGERS—
Review
Classified Advs.

PALMS, ETC.

Cocos Weddelliana, 3-in., 15c; Areca lutescens, made up, 5½-in., very fine, 40 to 50c each. Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Latania borbonica, large, fine lot, to close out, 2½-in., in extra good condition, $3.50 100; $30.00 1000. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms.
Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies from field, in bud and bloom, 85c per 100. Otto Bondy, Lowell, Mass.

Pansy plants, in bud and bloom, $4.00 1000.
F. Griswold, Worthington, O.

PEONIES.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer. $6.00 per 100. For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000.
John Ziegenthaler, 1865 Bocklus St., Philadelphia, Pa.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
Thos. Salveson, Petersburg, Ill.

Poinsettia plants, 4 to 6 inches high from top of pot, $40.00 per 1000; $5.00 per 100; 250 at 1000 rate.
C. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias for July and August delivery, 2½-inch, $5.00 100; $40.00 1000.
BENTZEN FLORAL CO., St. Louis, Mo.

PRIMULAS.

Chinese finest mixed. Baby, obconica grandi., fimbriata, alba and rosea, 2c, $17.50 per 1000. Forbesi seedlings, 75c per 100, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Primula Buttercup, 2-in., $3.00 100. Obconica grandiflora, 3-in., $6.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Primroses. Chinese obconica and Forbesi, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primula obconica, 2½-in., $2.00 per 100. Ready now.
John Dieckmann & Co., Wheeling, W. Va.

Primroses. Sinensis, finest mixed, 2-in., $2.00 100. Cash. Byer Bros., Chambersburg, Pa.

Primulas, all varieties (August 10), 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

Finest improved Chinese, 2-in., $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Primroses, 2¼-in., $2.00 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

ROSES.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

ROSES.	100 2½-in.	1000 2½-in.	100 3½-in.	1000 3½-in.
Beauties	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gate	2.50	20.00	4.50	40.00
Maids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants, 2½-inch pots.

	100	1000		100	1000
English	$25.00	$200	Uncle John	$3.00	$25
Beauty	5.00	40	Chatenay	3.00	25

Rose plants, 3-inch pots.

Beauty	$6.00	$50	Kaiserin	5.00	$45
Chatenay	4.00	35			

Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
Peter Reinberg, 51 Wabash Ave., Chicago.

Grafted roses, fine stock, ready for benching. Bride, Bridesmaid, Golden Gate, 3½ and 4-in. pots, $12.00 per 100, $100.00 per 1000. Liberty, 4-in. pots, $15.00 per 100.
Fine own root stock. Bride, Bridesmaid, Golden Gate, Ivory, 3-in. pots, $3.50 per 100; 4-in. stock, $5.50 per 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Surplus rose plants.

Own roots—	Per 100
500 Perle des Jardin, 3-inch	$6.00
300 Mildred Ware, 3-inch	8.00
Grafted—	
400 Mme. Hoste, 3-inch	8.00
300 Mme. Cusin, 3-inch	8.00

John Breitmeyer's Sons, Detroit, Mich.

Brides and Maids, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Ivory roses, 2½-in., $3.00 per 100.
D. U. Augspurger & Sons, Peoria, Ill.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.

Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Perle, Maid, Kaiserin, 3-in. pots, $7.00 100.
J. L. Dillon, Bloomsburg, Pa.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

BARGAIN PRICES on roses. Brides, Bridesmaids, Meteors, 2¼-in., $20.00 per 1000; 3-in., $30.00 per 1000. Thoroughly first-class stock, well-rooted, and ready for planting.
Lake View Rose Gardens, Jamestown, N. Y.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Surplus roses.	Per 100
500 Brides and Maids, 4-inch	$5.00
1000 Brides and Maids, 3-inch	3.00
1000 Meteors, 3-inch	2.50

Cash. Krueger Bros., Toledo, O.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Roses, all from 3-in. pots, good stock. Beauties, $5.00 per 100. Bride, Meteor, Gate, Sunrise, $3.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Roses. A limited number of the following: Beauties, 3-in., $8.00 100; Liberties and Ideal, 3-in., $7.00 100.
J. Welsh Young, Germantown, Pa.

Roses. Bride, Maid, Golden Gate, Chatenay, Meteor and Liberty, 3-in., $4.00 per 100; 4-in., $6.00 per 100.
Warrendale Floral Co., St. Paul, Minn.

Kaiserins, strong 3-in., $6.00 100; $50.00 1000.
C. E. Meehan, Slocum and Musgrove Sts., Philadelphia, Pa.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Golden Gate, Ivory, Mme. Hoste, Bride and Bridesmaid roses, from 3½ and 4-in., fine plants, $5.00 per 100. Smith & Gannett, Geneva, N. Y.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

Choice rose stock. Killarney, Bride, and Bridesmaid, in 2½ and 3½-in. pots. Write for prices. John Young, 51 West 28th St., N. Y.

La France roses, extra strong, 4-in. pots, 2 feet high, clean and vigorous, $12.50 100. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

3000 roses. Maids, MacArthur, Uncle John, Ivory and Chatenay. Write for prices.
The Gasser Co., Cleveland, Ohio.

Fine Bridesmaid roses, from 4-in. pots, $3.50 and $4.00 per 100. Cash with order.
Jas. Horan & Son, Bridgeport, Conn.

Grafted Brides and Maids, fine plants from 3½-in. and 4-in. pots, $15.00 per 100.
A. C. Canfield, Springfield, Ill.

Roses. 750 Brides and 900 Bridesmaids, 3-in., $4.50 100; $40.00 1000. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Golden Gate roses, fine, healthy plants, 3-in. pots, $3.00 100; $25.00 1000. Cash.
Paterson Rose Co., Paterson, N. J.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Ivory roses, strong plants out of 4-in. pots, clean and healthy, $7.00 per 100.
John F. Auer, Sykesville, Md.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

5000 Kaiserin, good healthy rose plants, $18.00 per 1000. C. & G. L. Pennock, Lansdowne, Pa.

340 Ivorys, 4-in., 5c each; 250 Ivorys, 2½-in., 3c each. Fine, thrifty stock.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Bride and Bridesmaid roses, $2.50 100; American Beauty, 2-in., $4.00 100.
National Plant Co., Dayton, Ohio.

1200 Meteor roses in 2½-in. pots, strong plants, $25.00 for lot.
Washington Floral Co., Washington, Pa.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Roses, all the best varieties in 2 and 5-inch rose pots. Write Geo. A. Kuhl, Pekin, Ill.

La Detroit, Chatenay and Sunrise, 3-in., $5.00 100. C. R. Hills, Grand Rapids, Mich.

200 4-in. Brides, fine stock. The lot for $8.00.
Davidson, The Florist, Cairo, Ill.

RUBBERS.

Rubbers out of 3s, strong top cuttings for July and August delivery, $16.00 per 100, $150.00 per 1000.
A. C. Oelschig & Son, Savannah, Ga.

25 ficus elastica, 6-in., 2 to 2½ feet high, from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Ficus elastica, imported, 4-in., 25c; 5 to 5½-in., 35c, 40c each.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvia splendens, surplus, 2½-in. pots, $1.75 100; $15.00 1000. Cash with order.
Wm. J. Chinnick, Trenton, N. J.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

CINERARIA STELLATA, most floriferous of all cinerarias; flowers are pure white, light mauve, violet, purple; the best cut flowers for funeral work, pkt., 25c.

CINERARIA MAX. NANA, giant flowered novelties—pure white, blood red, MAGNIFICENT old rose, azure blue, each color separate, pkt., 25c. All colors, mixed, 25c.

Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.

Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.

Asparagus plumosus robusta, called King of the Market for its superior beauty for cutting. Fresh crop, $1.10 100, $9.00 1000.

Pansy seed, Berger's Neverfail, our own mixture of prize flower seed—all sorts, all colors—1000 seeds, 25c; 5000 seeds, $1.00. Separate colors and separate sorts. Send for list.

Calceolaria, giant flowering, pkt., 25c.

Cyclamen giganteum, separate colors—white, rose, dazzling crimson with eye, 75c 100 seeds, $6.00 1000. Mixed, 60c 100, $5.00 1000.

Best German, winter-flowering, ten weeks stocks, pkt., 25c.

Send for our new fall list.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Toole's premium American pansy seeds now ready. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies" free to any address. Extra choice, mixed, 10c per pkt.; ⅛ oz., 50c; ¼ oz., 75c; per oz., $2.75. Selected, mixed, 15c per pkt.; ⅛ oz., 70c; ¼ oz., $1.20; per oz., $4.00. Hesperian mixture, 25c per pkt. Trade pkts., containing triple quantity, double price.
William Toole, Pansy Specialist, Baraboo, Wis.

New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation. A. C. Zvolanek, Bound Brook, N. J.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Pansy seed, trade pkt., $1.00; oz., $5.00. Cash. Larger or smaller quantities to suit. My pansies were the admiration of all. Quality unsurpassed.
Wm. Stuppe, Westbury Station, L. I., N. Y.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.

Giant daisy, finest giant, mixed, 1000 seeds, 25c.

Cineraria, finest large flowering, dwarf, mixed 1000 seeds, 50c.

Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.

BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00
A. T. Boddington, 342 West 14th St., New York.

New crop KENTIA SEED just arrived. Belmoreana and Forsteriana, $3.50 per 1,000; per whole case of 5,000 seeds, $15.00.

ASPARAGUS PLUMOSUS NANUS SEED, true; greenhouse-grown; late harvested; $2.50 per 1,000, 5,000 for $12.00, 10,000 for $20.00. Germination guaranteed.

Clucas & Boddington Co., 131 West 23d St., New York City.

New crop pansy seed. MICHELL'S GIANT PRIZE and MICHELL'S GIANT EXHIBITION cannot be equaled for size, texture and brilliant colors. For list of varieties and prices see display adv. Our new catalogue, just off the press, contains a complete list of pansy and other seasonable seeds. Send for a copy.
H. F. Michell Co., 1018 Market St., Phila.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Johnson & Stokes' KINGLY COLLECTION of giant pansies, half trade pkt., 1000 seeds, 30c; trade pkt., 2000 seeds, 50c; 5000 seeds, $1.00; oz., $5.00. Also the most popular pansies of the best English, French and German strains. For varieties and prices see display adv.
Johnson & Stokes, 217-219 Market St., Phila.

Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirngiebel, Needham, Mass.

10 lbs. sweet william seed, the very finest single, mixed; or double and single, mixed. Trade pkt., 15c; oz., 20c; lb., $1.00.
S. J. Galloway, Eaton, Ohio.

Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Cyclamen seed. Fresh crop, ready now. White, with red eye; rose, lavender, and white, colors separate, $5.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
A. J. Santschi, Goshen, Ind.

Rawson's mid-summer catalogue of HARDY PERENNIAL SEEDS sent on application.
W. W. Rawson & Co., Boston, Mass.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Pansy seed, new crop, $1.00 per packet; $4.00 per oz; $12.00 per ¼ lb. Cash.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

RELIABLE SEEDS. For list of varieties and prices see display adv.
O. V. Zangen, Hoboken, N. J.

Pansy seed, extra fine imported strain, ½ oz., $2.50, 1 oz., $5.00.
D. U. Augspurger & Sons, Peoria, Ill.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, large flowering, ready now, $4.00 oz. Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample.
T. H. Paterson & Co., 278 Old York Road, Baltimore, Md.

Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax, strong, bushy plants from 2-in. pots, $1.25 per 100; 10.00 per 1000.
Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax, extra strong plants, 2¼-in. pots, $1.25 100; $12.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

Smilax plants, strong, 2-in. stock, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, 2¼-in., strong and ready to plant, $2.00 per 100. A. J. Winget, Mansfield, O.

Smilax, 2000 2-in., ready to shift, $2.50 per 100, $20.00 per 1000. Erie Floral Co., Erie, Pa.

Smilax, 2-inch pots, $1.50 100; $12.50 1000.
H. S. Courtney, Sparkill, N. Y.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Smilax, 2¼-in., ready to plant, $1.25 per 100.
Savanna Greenhouses, Savanna, Ill.

Smilax, 2½-in., $1.50 100; $12.50 1000.
J. L. Dillon, Bloomsburg, Pa.

Smilax, fine, 2¼-in., $1.50 per 100.
Ludvig Mosbaek, Onarga, Ill.

Smilax seedlings, 25c per 100.
L. H. Crowell, Jr., R. R. 2, Rockford, Ill.

STEVIAS.

Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, fine, bushy plants, 2¼-in. pots, 40c per doz.; $2.00 per 100.
A. L. Harmon, Iola, Kan.

UMBRELLA PLANTS.

Umbrella plants, very fine, 2¼-in., $2.50; 4-in., $6.00 per 100.
Ludvig Mosbaek, Onarga, Ill.

VEGETABLE PLANTS.

TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.
CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.
BEETS—Eclipse and Crosby, 25c per 100, $1.25 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
EGG PLANT—New York Improved, 25c per 100, $2.00 per 1000.
PEPPERS—Bull Nose, Ruby King and Sweet Mountain, 25c per 100, $2.00 per 1000.
CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.
Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.
Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.
My plants are fine. Cash with order.
Samuel W. Shanklin, White Marsh, Md.

Chinese peppers, $2.00 1000; Ruby King, $1.50 1000. Cabbage—Succession, $1.50 1000. Celery—Giant Pascal, $2.00 1000.
F. Griswold, Worthington, O.

Cabbage plants, Danish Ball Head, field-grown, $1.00 per 1000; 10,000 for $7.50.
R. Kilbourn, Clinton, N. Y.

5,000,000 celery plants. See my advertisement in this number. Ludvig Mosbaek, Onarga, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

VERBENAS.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

VINCAS.

10,000 Vinca major var., 2-in., $1.50 per 100; $12.50 per 1000. Cash. Express prepaid.
P. J. Agnew, Springfield, O.

Vincas variegata, 2½-in., very strong, $4.00 100; second size, $2.00 100.
Geo. Bischoff, Ann Arbor, Mich.

Vinca var. major, 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca var., strong plants, long vines, closing out at 12½c. Otto Bourdy, Lowell, Mass.

Vinca var. major, 3-in., fine, strong plants, 6c.
A. J. Baldwin, Newark, Ohio.

VIOLETS.

Violet stock, clean thrifty plants. Single varieties—Princess of Wales, California, La France, Luxonne, Russian and Dorsett. Double varieties—Imperial, Marie Louise, Farquhar and Swanley White. Field clumps and plants, $2.25 per 100, $20.00 per 1000; 3½ and 4-in. pot plants, $2.50 per 100; $22.00 per 1000. Ready to plant at once for fall flowering. Packed lightly. Satisfaction guaranteed.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better, only $2.00 100; $15.00 1000. Cash, money returned if not suited. Samples, 10c.
Geo. T. Schuneman, Baldwins, L. I., N. Y.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants, first-class stock from soil, $2.00 per 100; $15.00 per 1000. Satisfaction guaranteed or money refunded. Cash. O. H. House, Babylon, L. I., N. Y.

Genuine MARIE LOUISE DOUBLE violet plants, healthy, vigorous stock. Write for prices, etc.
F. R. Snyder, P. O. Box 233, Rhinebeck, N. Y.

Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. Schaefer's, Inc., Newburgh, N. Y.

Violets. Marie Louise, Lady Campbell; Dorsett, single, from 2-in., $2.50 100; $20.00 1000.
Eli Cross, Grand Rapids, Mich.

Marie Louise violet plants, fine stock in 2¼-inch pots, $3.00 100; $25.00 1000.
Wood Bros., Fishkill, N. Y.

Marie Louise violets, 8000 fall clumps, good, at $5.00 per 100, $40.00 per 1000.
M. A. Postma, Sibley, Ill.

Several thousand Marie Louise violet plants from soil. Write for prices.
Thos. Burns, Stanfordville, N. Y.

Marie Louise violet plants, clean and healthy, $20.00 per 1000. Sample, 10c.
H. W. Stewart, L. B. 303, Rhinebeck, N. Y.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

ZINNIAS.

Zinnias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

TO EXCHANGE.

To Exchange—Polly Rose, Glory of Pacific and Bonnaffon chrysanthemums for White Ivory, Timothy Eaton, Queen and Mrs. Jerome Jones.
A. E. Fancher, Binghamton, N. Y.

To Exchange—300 or 400 3-yr.-old asparagus clumps and 200 5 and 6-in. potted asparagus plants, for carnation plants.
Eldred & Sykes, Benton Harbor, Mich.

To Exchange—2½-in. Latania Borbonica, fine stock, for Asparagus plumosus nanus, 3 or 4-in. pots. Samples exchanged.
"Critchell's," Avondale, Cincinnati, Ohio.

To Exchange—Christmas peppers, fine plants from 2½ and 3-in. pots for geraniums or anything we can use.
Morton's Evergreen Lodge, Clarksville, Tenn.

To Exchange—Fine giant pansy seed, mixed, $1.00 per oz., for field-grown carnations.
A. J. Santschi, Goshen, Ind.

WANTED.

Wanted—Variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to O. H. Dickenson, 27 Lyman St., Springfield, Mass.

Wanted—25, 50 or 100 small Pandanus Veitchii, state size and price.
John S. Heinl & Son, 129 So. 7th, St., Terre Haute, Ind.

Wanted—Winter onion sets. Send sample and price to Herbert Winkler, Ironton, O.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

CANE STAKES.

Japan bamboo cane, most durable for staking your lilies, chrysanthemums, roses, etc.

	100	1000	2000
4 feet	40c	$2.75	$ 5.00
6 feet	75c	5.50	10.00

H. H. Berger & Co., 47 Barclay St., New York.

CUT FLOWER BOXES.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
Livingston Seed Co., Box 104, Columbus, O.

The best cut flower box is the FULL TELESCOPE—that's ours.
C. C. Pollworth Co., Milwaukee, Wis.

There is no better folding box than ours. Get our prices.
Holton & Hunkel Co., Milwaukee, Wis.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Ferns, new crop, extra fine and hardy; green galax, leucothoe sprays, etc.
J. N. Pritchard, Elk Park, N. C.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc., good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties.
N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy ferns, green sheet moss, sphagnum moss, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

BLATCHFORD'S PLANT GROWER and LAND RENOVATOR is the best fertilizer for florists. 100 lbs. of absolutely pure plant food, $2.75.
BLATCHFORD'S CALF MEAL CO. Waukegan, Ill.

Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
Arnott Chemical Co., 114 Victoria St., Toronto, Canada.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

Pure sheep manure, dried, unpulverized and pulverized. Write for prices.
Montana Fertilizer Co., Elgin, Ill.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAK LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

I offer standard glass, all double strength—40 boxes 16x16 A, 100 boxes 16x24 A, 125 boxes 16x24 B. Will sell at a bargain.
A. C. Brown, Springfield, Ill.

The Peerless repair clamp, mends glass quickly and permanently, 150 for $1.00. Write
A. Klockner, Wauwatosa, Wis.

We are sole distributors of "White Rose" greenhouse glass.
Stenzel Glass Co., 2 Hudson St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

Bull Frog brand, best on the market. Write for prices on size desired.
Toledo Rubber Co., Toledo, O.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft. U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

NIKOTEEN APHIS PUNK, the original and genuine fumigant, widely imitated but never equaled. Box of 12 sheets, 60c; case of 12 boxes, $6.50.
NIKOTEEN, a liquid insecticide for fumigating and spraying. Very effective and economical. Per pint bottle, $1.50; per case of 10 pint bottles, $13.00. Securely packed.
Prepared by
NICOTINE MFG. CO., ST. LOUIS, MO.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Nicoticide kills all greenhouse pests.
The Maxwell Mfg. Co.,
Eleventh St., Louisville, Ky.

BUSINESS BRINGERS—
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LEAF-MOLD

Orchid peat, rotted peat, azalea peat, leaf-mold and live sphagnum moss in any quantity desired. Samples on application.
C. W. Brownell & Co., Walden, New York.

Leaf mold, 50c per bbl. Orchid peat, 45c bbl.
Chas. Wager, Ohioville, N. Y.

Leaf-mold and orchid peat. Write for prices.
F. J. Scott, Loyd, N. Y.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

PAINTS AND PUTTY.

Twemlow's old English glazing putty, liquid and elastic. Write Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard pots, best on the market for porosity and strength. Write for sample and prices.
A. F. Kohr, 1521 N. Leavitt St., Chicago, Ill.

Red pots, full standard, wide bottoms; bulb pans. Harry Balsley representative.
Detroit Flower Pot Mfy., Detroit, Mich.

Standard Pots Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

Standard red pots. Write for prices.
Paducah Pottery Co., Paducah, Ky.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live, short sphagnum moss for orchids, at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. F. J. Scott, Loyd, N. Y.

TOBACCO.

The Fumigating Kind tobacco powder, a five-pound trial bag free, you pay express. It kills aphis.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems by the bale or carload. Write for price on quantity you can use.
F. G. Borden, Milton, Wis.

Tobacco dust. It will pay large users to get our samples and prices.
E. L. Koppelman & Co., 81 Pine St., New York.

Tobacco stems for fertilizer. Car load lots.
Maxwell Mfg. Co., Louisville, Ky.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

WIRE STAKES.
Belmer's galvanized steel stakes for roses, carnations, mums—no bugs—last forever.

	2 ft.	3 ft.	4 ft.	Terms:
No. 8 wire...per 1000,	$4.85	$7.15	$9.50	Cash
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SULPHUR FOR MITES.

Flowers of sulphur is one of the best remedies for plant mites, such as the red spider. It may be applied in several forms, the simplest of which is its use as a dry powder dusted with powder bellows or any broadcasting device, preferably in the early morning. The flowers of sulphur may be easily applied also with any other insecticide, such as kerosene emulsion, resin wash, or a soap wash, mixing it up first into a paste and then adding it to the spray tank at a rate of from one pound to two pounds to fifty gallons.

Somewhat more uniform results can be obtained perhaps by getting the sulphur into solution, either dissolving it with lye or by boiling it with lime.

In making the lye-sulphur wash, first mix twenty pounds of flowers of sulphur into a paste with cold water, then add ten pounds of pulverized caustic soda (98 per cent). The dissolving lye will boil and liquefy the sulphur. Water must be added from time to time to prevent burning, until a concentrated solution of twenty gallons is obtained. Two gallons of this is sufficient for fifty gallons of spray, giving a strength of two pounds of sulphur and one of lye to fifty gallons of water. An even stronger application can be made without danger to the foliage. This mixture can also be used in combination with other insecticides.

The chemical combination of sulphur and lime known as sulphide of lime is perhaps a better liquid sulphur solution than the last as a remedy for mites. It may be very cheaply prepared by boiling together for an hour or more, in a small quantity of water, equal parts of flowers of sulphur and stone lime. A convenient quantity is prepared by taking five pounds of sulphur and five of lime and boiling in three or four gallons of water until the ingredients combine, forming a brownish liquid. This may be diluted to make 100 gallons of spray.

Almost any of the insecticides with which the sulphur application may be made will kill the leaf or rust mites, but the advantage of the sulphur arises from the fact that it forms an adhering coating on the leaves, which kills the young mites coming from the eggs, which are very resistant to the action of insecticides and result in the plants being reinfested unless protected by the sulphur deposit.—Bulletin.

MARIETTA, O.—A. Schoepen has gone to Staunton, Va., where he will remain two months for the improvement of his health.

OMAHA, NEB.—The Auditorium management had contemplated a flower show this fall, but has given up the idea because sufficient notice had not been given the growers. An association is likely to be organized to give a show in 1906 which will rival Kansas City's best efforts.



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PIPING IN MICHIGAN.

I am building a greenhouse 18x70 feet, walls five feet and ridge eleven feet. I would like to use hot water in a 2-inch feed pipe and 1¼-inch returns. In the climate of Michigan, how shall I pipe?

W. E. G.

If you will use a 2½-inch flow pipe under the ridge from the boiler to the most distant end of the greenhouse and there divide into three 2-inch pipes to supply a manifold of six 1¼-inch pipes under each side bench and a manifold with five 1¼-inch pipes under the center bench, one riser or flow pipe can be made to supply the necessary radiation to maintain a temperature of 65 to 70 degrees during severe weather, provided the water is maintained at 180 degrees. This will necessitate a good sized expansion tank, thirty to fifty gallons, located six to ten feet above the highest point in the system. The high point in the system should preferably be at the point where the main flow pipe divides to supply the return manifolds.

L. C. C.

IMPOSSIBLE.

Will you kindly let us know how much 2-inch pipe we shall need to heat a house 20x50 feet, four and one-half feet to the plates and eleven feet to the ridge. The house stands out in the open, New Jersey climate, and has twenty inches of glass in the walls. We want 50 degrees and not to have the water in the boiler over 50 degrees at any time. All pipes must be under the benches.

W. H. F.

Because of the writer's haste or a bad pen, I am not certain of the dimensions of the house but assume that it is 20x50 feet. If this is the case it can be heated to a temperature of 50 degrees by the use of ten 2-inch pipes the length of the house, provided the water is heated to 180 degrees. It would not be possible to pipe the house so as to maintain a temperature of 50 degrees in the house with water in the heater at 50 degrees.

L. C. C.

GLAZING.

I want to build a small greenhouse and would like to know the best way of putting on glass, to butt or lap it; also would a cap on the sash bars be better than to glaze it in the ordinary way? When glass is butted do you use anything between the panes of glass?

L. V. B.

It is rather cruel to ask me to answer the above, for I have been and still am a sincere believer in butted glass for the commercial man and practice what I preach, for it has many advantages, yet, in this case, a small greenhouse for a beginner, I would recommend that the glass be lapped. Bed the glass firmly and evenly in the best quality putty and fasten with a good glazing point. You cannot use a cap on lapped glass. There is no need of it. Let the lap be no more than a quarter of an inch. Less is still better.

A little gratuitous advice is to send a sketch of your intended greenhouse to one of the practical and reliable horticultural builders, who will get out and ship you every piece of material, cut and fitted, of clear cypress lumber, and it is only fun to put it together.

There is one question overlooked. When we butt glass nothing but the cap is used. Putty or any metal strip between butted glass is a big mistake.

W. S.

STEAM OR HOT WATER.

From my boiler a 4-inch feed pipe rises to a considerable height, turns and enters the greenhouses, then drops in a 3-inch pipe to where it enters the 2-inch floor overhead in the house. This falls slightly to the far end, where a perpendicular pipe goes down to the coil of 1½-inch pipe beneath the benches. A 3-inch pipe enters the boiler and from the lowest point a 1-inch pipe is carried to the expansion tank. I can use either steam or hot water, but when I fire hard, when using hot water, the pipes near the boiler seem to fill up with steam and hot water. We can hear the water and steam boiling, and it even shakes the pipes, but the water seems to stop circulating. The pipes farthest from the boiler, and the return pipes, get cool. I can close the pipe that leads to the expansion tank, turn the city water into the boiler and leave it turned on; then it works all right. I can fire as hard as I like. The harder I fire the hotter the pipes get. But I have to carry the city pressure, which is from fifty to seventy-five pounds, which is more than I care to carry on my system. The water rises to the highest point over the boiler. From there it is down grade all the way back to the boiler. To heat with steam I draw the water off to the proper amount in the boiler, but I would prefer to heat with water if I could get it to work properly. Can you suggest a remedy?

C. L. R.

If I interpret your description correctly there are too many crooks in the flow pipe to work well with hot water. If the high point could be brought on an even grade with the 2-inch flow and the expansion tank elevated to ten or twelve feet above the highest point in the system, or even higher, there would be little danger of the heat driving the water out of the system as it now appears to do.

L. C. C.

Mt. Vernon, Ind.—M. L. Doerr has gone out of business. He traded as the Mt. Vernon Floral Co.

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STOCKS and DIES New Economy, best made, No. 1, threads ⅛-in., ¼-in. 1-in. pipe, $3.00. No. 2, threads 1¼-in., 1½-in., 2-in. pipe, $4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in. to 1-in. pipe, $1.00. No. 2 cuts 1-in. to 2-in. pipe, $1.30.

STILLSON WRENCHES New 18-in., gripe ¼-in. to 2-in. pipe, $1.65; 24-in., gripe ¼-in. to 2½-in. pipe, $2.40; 36-in., gripe ½-in. to 3½-in. pipe, $4 75.

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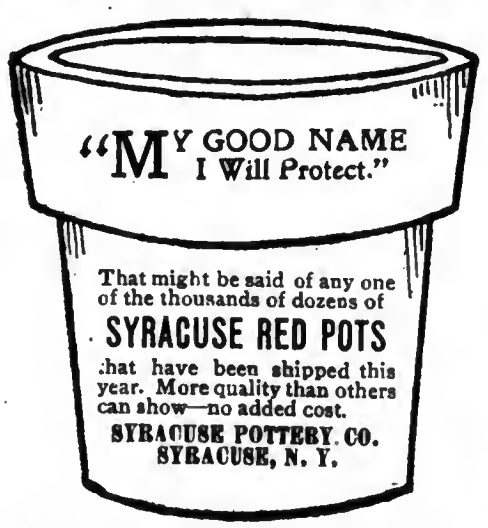
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Kindly give the best receipt for mixing putty and the best season to putty glass to keep it from cracking. C. G.

We have never made our putty, but bought it of some horticultural builder and then added one twentieth of its weight of pure white lead. Do you mean by "puttying glass" filling up the space between the edge of the glass and the sash bar, where the putty has rotted? If so, then it should be done during a dry spell in August or September. No greenhouse man uses putty on the outside of the roof. It is sure to peel off in a few years and if the putty is sound beneath the glass, a heavy coat of white lead paint will make a tight roof and add greatly to the appearance of the house. W. S.

PIPING FOR IOWA.

Please tell me how to place my pipes for heating a greenhouse 20x75, ten feet to ridge and with side walls four feet high and double boarded against Iowa winds. There is glass in one gable. We need 54 degrees and have 2-inch pipe for flow and 1¼-inch for returns for hot water. O. C.

I think you can use your 2-inch and 1¼-inch pipe for heating with hot water in the following way: Under each side bench place a 2-inch flow, arranged to return through a manifold of six 1¼-inch pipes. For the center bench carry a 2-inch riser under the ridge of the house to the most distant end and then drop to return under the bench through six 1¼-inch returns. This will provide the necessary amount of radiation with water at 180 degrees. L. C. C.

WARSAW, N. Y.—John Fox has gone out of the greenhouse business. H. S. Baker reports his trade this season as forty per cent better than ever before.

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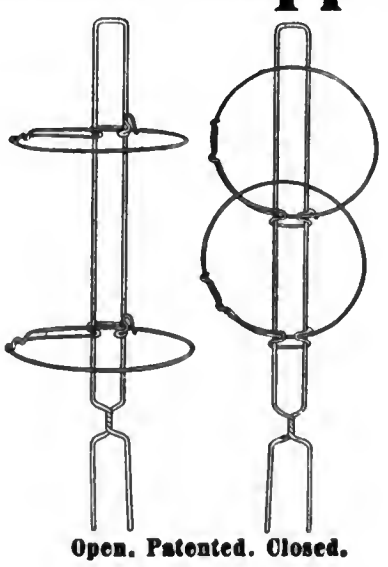
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G. L. GRANT, Editor and Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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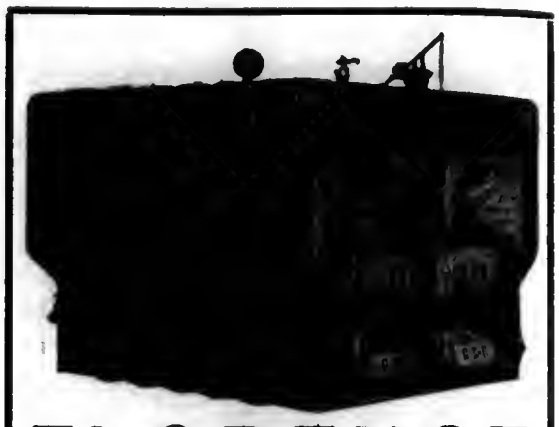
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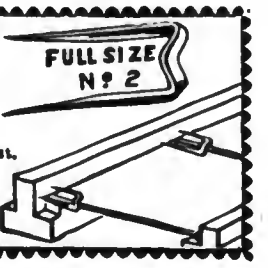
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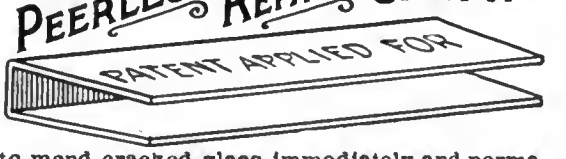
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MISCELLANEOUS SEASONABLE HINTS.

Small Ferns.

You ought to lay in a good stock of young ferns just now, for use in filling the ferneries during the winter. They are usually pretty well cleaned up by February and then you have to buy at an increased price and get decreased quality. If you lay in a good stock now, either small plants from 2-inch pots or flats, that are once transplanted, you can keep them over winter in 2½-inch pots. It is desirable for the purpose that you have a good plant in as small a pot as possible.

When you receive them, put them on a bench on which is spread at least one-inch of sand or coal ashes, so that they are not continually drying out, and when firing commences they should be still further protected against the heat from the pipes. The list of the ferns used for the purpose includes many genera, not to mention species, and a difference of temperature may suit different genera, but you cannot bother with that and 55 to 60 degrees at night will do for all.

I have repeatedly seen these little ferns in 2½-inch pots standing on a bench of inch boards with a very slight covering of sand and in many places the sand washed away. In many spots the little plants were parched from the heat below and were drying up. Ferns are found growing in various conditions and environments, but nearly all those we grow for ferneries like a warm, moist atmosphere with coolness at the roots.

There is a great variety of ferns used for small ferneries. The favorite Adiantum cuneatum is not considered a good fern for the purpose, but that is because it is used too often when the fronds are immature. We will leave that out, as there are plenty of others. Here are a few of the best: Aspidium tsussimense, Davallia stricta, Nephrodium hirtipes, Microlepia hispida, Onychium Japonicum, Pteris cretica Mayii, P. cretica albo-lineata, P. Ouvardi, P. serrulata cristata, Selaginella Emmeliana and S. flabellata. Included in the list could be small plants of Pteris Argyræa, Nephrolepis Scottii and Cyrtomium falcatum.

A Dwelling-room Fern.

One of the very best ferns for a room is Cibotium Schiedei, beautiful in every respect and, although not so robust looking, it does finely almost anywhere you put it. Buy young stock now and it will grow into value. In addition to the ferns, do not forget that Asparagus plumosus is one of the very best plants for small ferneries. It will outlast most of the ferns. If you have not sown seed or have not a stock of young plants, buy them. We fill ferneries entirely with this graceful asparagus and they are always satisfactory.

Alternantheras.

The little alternantheras will be always in use as long as any formal flower gardening is done. Some varieties are easily wintered and some are not, unless you can keep up a high temperature. Among the latter is the best of them all, A. paronychioides major. A good plan to perpetuate a stock is to prepare flats with two inches of very sandy loam and insert cuttings thickly. They root quickly if kept watered on any bench or in a cold frame and by fall are strong little plants and winter well in these flats if kept almost dry during the dark days of winter, in a temperature of 55 degrees.

Clean Out the Fly.

The black fly as well as the green is troublesome with many plants just now, and so are thrips and spider, and it is not always convenient to fumigate. There is great comfort in the use of the Knapsack Eclipse compressed air pump and Nikoteen. Some say you can dilute this 500 times in water. We have never measured the proportion, but we know in practice that you can fill the cylinder two-thirds full of water, add a 2-inch pot full of the Nikoteen and then pump in air until you get the desired pressure. This will kill thrips and spider and at the above strength it will discolor no flower. We applied it to Ivory chrysanthemums when in bloom last fall and there was not the slightest stain on the flower. The Nikoteen is expensive, yet a 2-inch pot is sufficient for a house of chrysanthemums 20x100 and what a blessing it is for American Beauties that are troubled at this time with thrips. The fight against our enemies, the insects, is really the most important part of our work and the least excusable if neglected, for it is not science you have to apply, simply faithfulness and energy.

Pelargoniums.

These rather neglected plants will have made a good growth since their flowering time and should soon be ripening their growth. Put them where they will get the fullest light and keep them slightly on the dry side, as you will want to cut them down hard at the end of August.

Cinerarias.

Not many florists care about cinerarias before February on to Easter and seed sown the middle of August is in plenty of time for that. Seed sowing of any kind is rather a risky operation in the hot months, as it is coolness you want, not heat, and to be cool you must shade, and too much shade is a poor start for the young plants. A north-side house where there is light without direct sunshine, is a favorable place. There is considerable said of late about Cineraria stellata for the decoration of a conservatory. They are excellent, showy plants and may be valuable for cutting, but we do not think they will be ever largely in favor as a florists' plant. They occupy too much room for the price you can obtain for them.

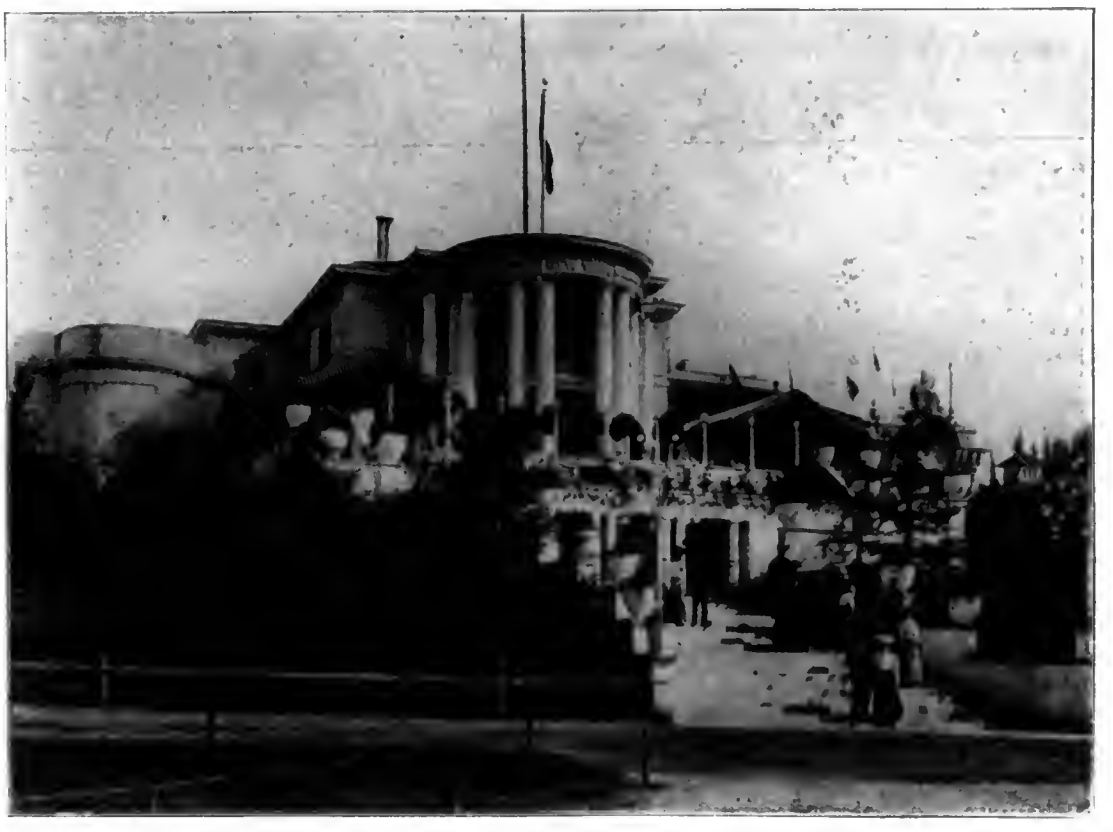
WILLIAM SCOTT.

VARIEGATED VINCAS.

Please tell me the treatment required for variegated vincas so as to have good vines in the spring. What temperature and position do they require? J. W. C.

There are several ways of raising plants of this, the most useful of all drooping plants for vases or veranda boxes. For many years we found the following method the cheapest and best for raising 4,000 or 5,000 young plants annually:

Plant out a few dozen plants in the spring in good soil. They will by September have made a large growth, from which you can get any number of cuttings. You can cut up their long growths into cuttings of two joints, discarding the very tender tips and also the woody, hard growth near the crown of the plant. They root readily in sand the end of September or anywhere in October, or before a very severe frost. Keep the sand



Horticulture at the New York State Building at the Portland Fair.

moist. All the cuttings will root, but it takes a month for the hardest cuttings to do so. Pot into 2-inch and keep in a temperature of 45 to 50 degrees until February. Then shift into 3-inch or, if making a strong growth, into 3½-inch pots.

Remember the growth that is useful, that makes the "vine," starts from the eyes beneath the soil. The top of the cutting you put in the sand in October will make a feeble growth, but it will never amount to anything. If given strong, rich soil and firmly potted into the 3-inch pots they will soon be sending up four or five strong shoots that by the middle of May should be fifteen to eighteen inches long and many be longer.

The object desired in growing all plants for vases or window boxes is to obtain as big a plant as you can with as small a pot as possible. You could lift these vinca plants from the garden in October and put into 5 or 6-inch pots and, when the tops become shabby, say in January, cut them off close to the pot. A large lot of young growth would soon start and by May would make a fine plant, but the ball of roots would be too large for use except in very large vases or boxes.

Another plan to obtain fine plants in spring is to late in June plant out some spring propagated plants from 2-inch pots. (The vinca roots very readily in February and March with a slight bottom heat.) In September lift these plants and squeeze them into 3-inch pots, cutting off all the tops, and keep the plants cool, say 40 degrees at night. In February wash off the soil and re-pot again in 3½-inch and give more heat. These will make very fine plants for spring use.

The Vinca major is an almost hardy plant; therefore a very cool temperature will do for it in the dark days of winter. With the increased light of spring give it more heat and then it is that the useful, strong growth is made. We find Vinca Harrisonii almost as useful as the variegated variety and rather easier to get to make a strong growth inside. Give the vinca the fullest light when in active growth. If stood on a bench, as we do geraniums or coleus, the plants would smother each other in April and May, so after the shift from a 2-inch to a 3-inch we set a single row along the edge of the benches, where they can droop over and fully develop their growths. W. S.

Fort Dodge, Ia.—P. L. Larson is preparing to build a violet house 12x150.

THE WESTERN FAIR.

One of the first things which impress eastern visitors to the Lewis and Clark exposition at Portland, Ore., is the natural beauty of the grounds, enhanced largely by the landscape architects' work. The site is on a "bench" of rolling land, back of which rise the foothills of the Coast mountains and in front of which lies the water of a 200-acre lake.

Entering at the main entrance, the visitor first encounters Columbia court, consisting of two wide avenues between which are spacious sunken gardens, with fountains and beds of summer flowering plants. Beyond Columbia court is the Grand Stairway, leading down Lakeside Terrace to the shore of the lake. Off to the left is Centennial park, a grove of dogwood trees which were left undisturbed when the grounds were being improved and which provide rest and shade for many foot-weary sight-seers.

One of the features of the exposition is the immense planting of roses. There are upwards of 15,000 of them, including many sorts too tender for cultivation in the east. During the past two months several large beds of Mme. Caroline Testout which flank each side of the Grand Stairway have made a grand display. Pruned severely last winter, they have made a growth of four to five feet and will flower all summer. This variety is without an equal for cultivation on the Pacific Coast. It has superseded that famous old sort, La France, which was very popular for more than a score of years. Other varieties which are showing up well at the exposition are Kaiserin Augusta Victoria, Ulrich Brunner, Liberty, Maman Cochet, Marie Van Houtte and Viscountess Folkestone.

There are no trade exhibits of bedding plants on the grounds, the administration having provided everything in that line. Several Portland florists made quite a "clean-up" by disposing of large lots of bedding plants for that purpose. In fact, there was an unprecedented demand from all quarters for bedding plants during the past season, and it was with difficulty that late planters were supplied.

We expect to be favored with the visits of a large number of members of the craft during the exposition season. Among those who made their presence known during the past week were Charles Malmo, Seattle; C. N. Sandahl, Seattle; S. L. Harper, Tacoma; W. L. Porter, Ogden, Utah; C. W. Howard, of the Chase Rose Co., Riverside, Cal.

A. J. Clarke.



Lakeside Terrace, the Agriculture and European Buildings at the Portland Fair.

VARIOUS QUERIES.

1. Can Shasta daisies be forced for winter blooming and at what temperature?

2. Will lime water used to kill angle worms in soil injure begonias and ferns?

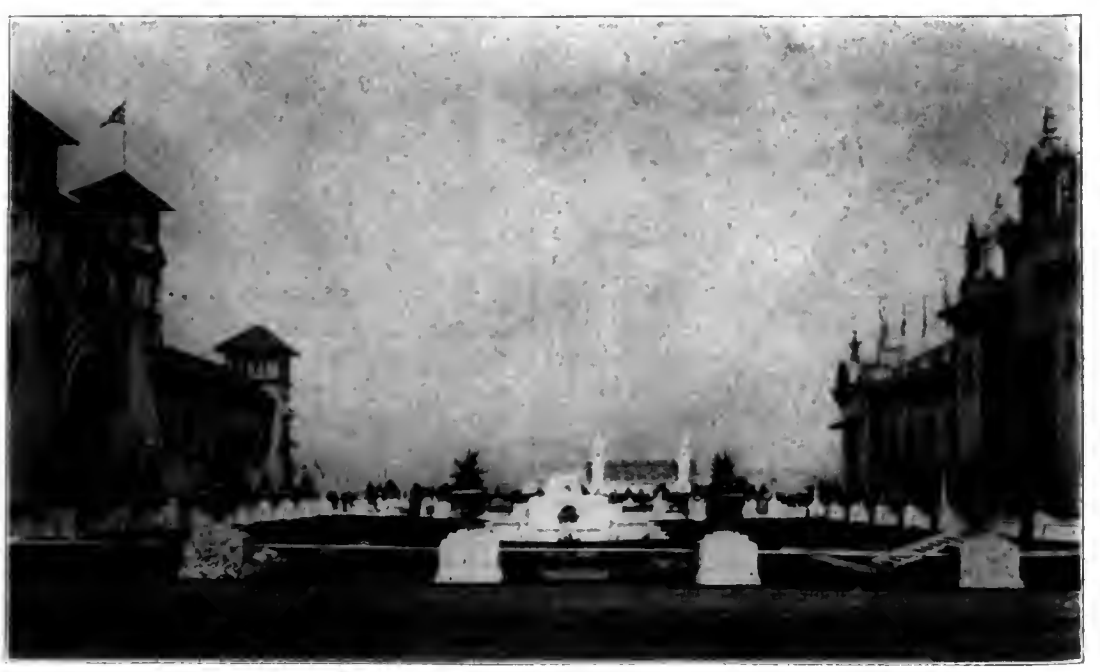
3. What white flowers, aside from carnations, that are profuse bloomers can be raised in a house piped for 55 degrees?

4. From reports received, do you think acetylene gas adapted to greenhouse use and would you advise its use all night or only part of the night? E. L. K.

1. From observation of a large lot of Shasta daisies lifted from the open ground last fall and put on a light bench, just as we do carnations, they did not flower the whole winter or until late in the spring and that certainly did pay. The night temperature was about 50 degrees and hence I do think this beautiful daisy a profitable winter crop.

2. Lime water will do no harm to the ferns nor to the begonias in the quantity you need to apply to get rid of the angleworms.

3. This is a large question. There is nothing that will equal carnations for persistent blooming in the winter. That is why carnations are so universally grown. If this were the day of short-stemmed flowers several things could be



Flower Vases are Made Good Use of at the Portland Fair.



Beds of Rose Mme. Caroline Testout at the Lewis and Clark Exposition at Portland, Ore.

suggested. A night temperature of 55 degrees will grow fine white roses. Ivory will give you almost as many buds as the largest varieties of carnations. Years ago we grew the old double white primula, now seldom seen. We also grew successive crops of white ten weeks' stocks. It was a dwarf, early flowering strain, the seed of which we saved. Our first sowing was the middle of August. It has disappeared entirely. There are several things which could be grown in the genial temperature of 55 degrees. A crop of sweet stevia up to New Year's; Bermuda lilies from January on, also flats or pots of freesias, but I can think of nothing that will give you continuous bloom from November to May equal to the carnation.

4. We know of no reason at all why acetylene gas light should be harmful to plant life. It comes the nearest to daylight of any artificial light we know of. It makes the electric light look a dull red and will be more and more used as people get over the fallacy that it is dangerous. It is generally admitted that plants cannot remain healthy and vigorous under continuous light. You could slightly advance the flowering of lilies or any crop you wished to force, and where worthless afterwards, but it will not do for roses or carnations or any plants that we wish to keep in vigorous health. When the sun goes down let the plants rest.

W. S.

A CASE OF DISTRESS.

The REVIEW is in receipt of the following letter accompanied by letters from the county clerk and sheriff at Leavenworth, Kan., indicating that the facts are as stated:

With a heavy heart, and only for the sake of my family, I ask you respectfully if you maybe would do something through your paper so I would be able to repair my greenhouses before fall. I had a fire in the month of February and lost about $800 in plants. I rebuilt and restocked it again, and in the month of May the hail not only wrecked the greenhouses but destroyed the contents and left me without anything. Please excuse me; it is a terrible thing to ask for help, but it is for the sake of my family. My wife is an invalid for two years. C. W. KLINE.

Leavenworth, July 18.

Vegetable Forcing.

TOMATOES.

Young plants now under way should not be neglected in the matter of moving up. A good deal has been said regarding the having of tomato plants too strong, claims being made that it gives them a tendency to develop overabundant foliage to the detriment of the fruit producing properties. When the fruiting stage is reached there is no doubt danger from this source, but in the earlier stages of growth I believe the best results are afterwards obtained by growing the plants on as freely as possible; it is time enough to begin the hardening up process after the plants are set in their fruiting quarters, which is best done by limiting the amount of soil for the individual plant. In the meantime, however, keep the plants potted on just as soon as the pots are well filled with roots and before they begin to show any signs of becoming drawn or spindly through lack of freedom at the roots.

Of course the soil need not be overrich. Any good potting soil will be strong enough; the principal thing is room and soil enough for the roots to run freely in. If this is supplied, healthy, short-pointed plants will be the result and such plants will begin to flower and set fruit a good deal earlier than plants that have become drawn and spindly through neglect from any of the many causes which produce such conditions. It stands to reason that it takes a plant built on a good, healthy foundation to withstand, and prove fruitful, the artificial conditions to which they are subjected during their after life.

Another important agency in the production of healthy plants is abundance of light and air. At this season of the year there should be little trouble in supplying both, as the ventilators can be left open, both night and day, with little danger from the attacks of mildew or other fungous diseases. But the plants should be set well apart, so that every individual will have freedom of air and full exposure to light on all sides.

Care should be exercised as the nights get colder to regulate the air so as to give as equal a temperature as possible. For instance, should the temperature run naturally, with the ventilators open, as high as from 70 to 75 degrees one week and next, in the case of a cold spell, run 10 degrees lower, the ventilators should be lowered so as to maintain a temperature of about 70 degrees. To do this it may be necessary to close down gradually early enough in the afternoon to concentrate enough sun heat to sustain the desired temperature. Fire heat should not be used until it is absolutely necessary. The longer it can be delayed the better for the plants, but it is advisable to use it should there be a danger of the temperature of the house running below 60 degrees.

The plants will require a moderate supply of water at the roots, but no syringing, and as little atmospheric moisture during the night as possible. Through the day it is sometimes advantageous to damp the floor of the house to help lower the temperature on bright, scorching days. W. S. CROYDON.

TO EXTERMINATE ANTS.

To drive out the common black ants which may be infesting any flower beds or other places I should use tar or a solution of it. Not gas tar, but just common pine tar. Gas tar is fatal to plant life. One must use judgment mixed with his tar. If the ants swarm all over the place, of course, heroic treatment must be resorted to, but in ordinary cases, where the ants are in the ground occupied by colens and other tender stock, that is another story. Were I to handle such a job, unless the ants were killing the plants I would not do a thing to them now, but when frost has come and got in its work on the plants so that the ground is clear, then I would just soak it with a solution

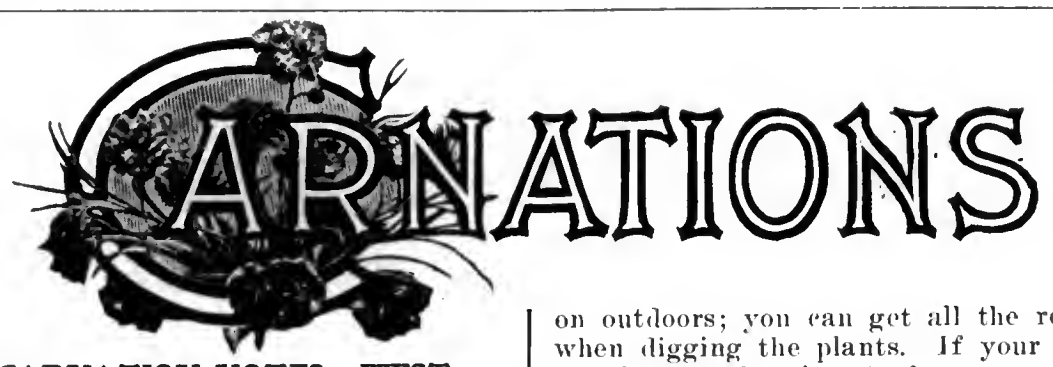
of tar or say two ounces of pine tar to twelve quarts of hot rain water and give at least two applications.

Edward Snow.

SAVES PROFANITY.

Once upon a time ex-President Grover Cleveland went on record as of the belief that if, when a member of the great brotherhood of fishermen loses from his hook a particularly likely specimen, his expression of pent up feeling is a well-modulated, if clearly enunciated, "damn," it is not written down against him. Now, surely, if the fisherman has exemptions, so, too, has the greenhouse man who suffered all winter with leaky pipe-joints and who now, in order to repair the difficulty, undertakes to take down his piping and finds some of the joints rusted fast. If profanity be permitted to the exasperated fisherman on the shady bank of the babbling brook it could not be withheld from the perspiring man wrestling with the obdurate pipe beneath the greenhouse bench.

But while it may be necessary for the fisherman to plead his exemptions, it is not so with the florist, for if he reads the advertising columns of the Review, as all good florists do, he will know that there is means at hand for putting an end to exasperation and inclination to profanity. In fact, with the pipe-joint fillers now offered joints on which it is used will always be tight and still, after many years, will come apart with perfect ease. The expense is so small, the trouble so slight, with the certainty of tight joints which will come apart when wanted, that it is no wonder that the manufacturers find the greenhouse trade, next to the plumbers, worth most to them.



CARNATION NOTES.—WEST.

Benching Young Stock.

Just now most carnation growers are busily engaged in replanting their houses, or at least refilling the benches preparatory to replanting. If you started this laborious operation when the plants began to be unprofitable you may have all your beds refilled ready to plant, and you were wise in going at it early. We have a few beds that were filled a month ago, but we also have many that have paid us well right up to now. No further delay must be allowed, however, as every day's delay after August 15 we consider a loss to the next season's crop. The demand for high grade carnations comes just as soon as carnations are ready and, in fact, good carnations are always in demand. So do not delay any longer, but get your houses refilled and, if possible, replant the first week in August or, if your plants are in good order, plant any time now.

When I say if your plants are in good order I do not mean if they are large. Large plants are not always the best to plant, just as large blooms are not always the best to buy for commercial use. A large, soft plant should always be avoided at planting time. We do not object so much to the size as we do to the softness, but extremely large plants this early are very apt to be soft unless they were planted out of large pots in the spring. What I mean when I say in good order is a nice, bushy plant that has been topped at least the second time and which has had enough dry weather to make the growth sound and firm. I would rather plant a carnation that was dug out of dust dry soil than one that had been continuously moist and made a recent rapid growth. Providing, of course, that the soil is such as will crumble readily in digging up the plants. That is why a rather sandy soil is the best for planting carnations on outdoors; you can get all the roots when digging the plants. If your soil gets lumpy when it gets dry you would better wait for a rain and then dig the plants before they start into a new growth again. The idea is to have the plants in that half dormant condition as they will get in midsummer when it is quite dry, and then to get the roots without breaking too many.

Every grower knows that the best time to transplant or repot any plant is when it is just a little hardened off as a result of withholding water or some such check to the growth, and that a plant in such condition will take hold much quicker and suffer much less than when it is in full growth and full of sap. The carnation is no exception to this rule. When taken from a dry field and planted into moist soil the roots at once become active and take hold of the new soil and the plants start into a new growth. There is little or no wilting, because the foliage is hard and the atmosphere in the house is so much more moist than outside during dry weather. Less shading is required, too, when the conditions are such as I have recommended, but we do like a little shade for a few days to help keep the temperature down and the atmosphere from drying out too quickly.

We used to practice dipping the plants into a pail of water when digging, but we have come to doubt the wisdom of this, when the ground is dry and the plants are to be planted at once. So we planted a bed of Lawson last week without dipping and they are taking hold finely so far. It is surprising how quickly a plant will respond to the effects of moisture when it is dry and I think it is better to let the plant draw its first moisture from the new soil rather than to saturate it before planting. New rootlets will form over night and the plant is soon in condition to supply itself by means of its roots if it is given a fair chance. The soil should not be wet but only moist, and syringing should be light but frequent. The walks and every place the sun strikes direct should be wet down to help keep the atmosphere moist. Of course, the plants must be kept covered closely to keep the sun and wind from them until they are planted, so the roots will not dry too much, and, in fact, they should be out of the soil just as short a time as possible.

If you have beds that were filled some time ago and that are quite dry begin watering them two or three days before you want to plant them, as it will take several waterings to wet the soil clear to the bottom and no bed should ever be planted with the bottom of the soil dry. It will take about a day for most soils to get into proper shape for planting after the last watering. It should be moist, but not too moist to crumble nicely when rubbed through the fingers, just about the way you like it for potting. You cannot be too particular in having your soil just right, because if it is too dry it will draw the moisture from the roots and wilt the plants, and



A Glimpse of the Lewis and Clark Exposition at Portland.



National Rifles Armory, where trade exhibit is to be staged. Carroll Hall, where sessions are to be held.

Buildings in Which the Society of American Florists will Hold Its Washington Meeting.

it will take a heavy soaking to wet it through, just what you want to avoid at planting time. On the other hand, if the soil is too wet it will pack and become stiff and will remain in that condition a long time, a bad thing for the plants.

As to the distance between the plants each way, that will vary somewhat, to fit the beds, etc. Some of our beds will hold seven rows across, while others will hold only six, but we usually plant from ten to twelve inches apart, according to circumstances. Some varieties will need more room to the plant than others. Heavy growing varieties, of course, take up more room than the wiry ones, and they are injured quicker from overcrowding than the slender ones. Don't think that because you put your plants close together that you will have big crops of fine blooms. Two years ago a grower who was new on carnations did this against our advice, thinking that he could put the size on them by feeding. But he found out his mistake and last fall he told us of his failure to produce quality. It takes a strong shoot to produce a large bloom and a strong stem, and it takes room and air and light to produce strong shoots. If we were to grow for quality alone I would plant such varieties as Lawson and Enchantress fifteen inches apart and I am not sure but that it would pay any way if we could just make up our mind to it.

Don't plant much closer than customary if your plants happen to be small. You will be surprised to see how quickly they will spread out, and by spring they will be sure to need the room. Also don't delay planting because your plants happen to be undersized. They will grow faster in the house than they will outdoors, especially if the weather continues dry, and if it turns in wet the plants will get soft and it will be difficult for you to follow the above procedure.

A. F. J. BAUR.

THE WASHINGTON PROGRAM.

The preliminary program has been issued for the S. A. F. convention at Washington August 15 to 18. The opening session will be called to order at 2 p. m. on Tuesday. The address of welcome will follow, then the annual address of the president, reports of secretary, treasurer, state vice-presidents, committees, etc.

At the close of the opening session the judges will examine and prepare a report on the novelties and new inventions in the trade display.

The president's reception will be held at 7:30 Tuesday evening under the auspices of the Washington Florists' Club.

At 9:30 Wednesday morning the judges will report and the prize essays on "The Ideal Employer" will be read and awards announced.

Selection of next meeting place, nominations of officers and roll-call of states for vice-presidents will follow.

A lecture on the work of the Bureau of Plant Industry will be given by B. T. Galloway, chief, illustrated with the stereopticon.

The bowling tournament will take place at the corner of Eighth and E streets at 2 p. m.

At 8 p. m. Miss Susan B. Sipe will lecture on "The Work of the Bureau of Plant Industry in Encouraging Civic Improvement and the Teaching of Horticulture in the Public Schools," illustrated with the stereopticon.

The question box will be opened after the lecture and is known to contain some interesting subjects, including plants worthy of more general use as summer bedders; handling carnations between time of cutting and marketing; effect of cold storage in retarding peony bloom; should the S. A. F. have a winter meeting?

At 9:30 Thursday morning discussion is invited on "Helps to Floriculture in the South and Southwest" and "The Feasibility of Preparing a Textbook of Horticulture for Dissemination by Florists' Clubs."

At 10 a. m. polls open for the election of officers.

The question box will be open during the election. Among the questions already suggested is: "Should this society countenance the substitution of popular appellations for cumbersome and often unpronounceable foreign names of new plant introductions?"

The Florists' Hail Association will hold its annual meeting at 2 p. m. and the Carnation Society will meet at 4 p. m.

At 8 p. m. Oglesby Paul, of Philadelphia, will lecture on "The Ideal Country Home for the Man with a Long Head and a Short Purse," illustrated by the stereopticon.

On Friday the society will be in the hands of the Washington Florists' Club.

The sessions will be held at Carroll Hall, on G street between Ninth and Tenth streets. The trade exhibition will be staged next door, in the National Rifles' Armory. A special display by the U. S. Department of Agriculture will be made in Carroll Hall.

WASHINGTON.

Convention Preparations.

Convention matters are now well in hand, the program is about laid out and ample provision has been made for a celebration, on our twenty-first birthday, such as has never been excelled and seldom equaled.

I have lived in Washington some thirty odd years, and have never seen it finer than at present. From the time that the visiting florists and their ladies reach Washington, until they take the train or boat for home, we hope to keep every moment of their time pleas-

antly and profitably occupied. A few of the events that will be on the program may here be enumerated:

There will be carriage and automobile rides for the ladies, about the city proper and through the world-famed Rock Creek park, luncheon to be served enroute; reception and entertainment in the Library of Congress, the finest building on earth, from the cafe of which one of the most magnificent views imaginable may be had of the city of Washington, The Soldiers' Home in the distance, Naval Observatory, the beautiful placid waters of the Potomac river, the historic city of Alexandria, the magnificent Virginia hills, the world-famed Arlington national cemetery, the old Lee estate, Fort Meyer, and a hundred interesting pictures too numerous to mention, may be seen from the portico of this magnificent cafe. We are also promised a band concert by the Marine band of seventy pieces.

Bowling, as usual, will be taken care of in the most up-to-date manner. Numerous valuable prizes to be contested for are already in hand, both for ladies and gentlemen, and the superintendent of the commissary has promised that no one taking part in these pleasurable exercises shall go hungry or thirsty while thus engaged.

The gentleman in charge of the shooting contest has given us the assurance that nothing will be lacking to make this an eventful afternoon for all those who may take part in it, and those who accompany them. The grounds of the Analostan Gun Club have been secured for this occasion. They are most favorably situated within twenty minutes of Convention hall, easily accessible by a car system second to none in the United States. Z. D. Blackistone will have charge of this event, which alone should be enough to assure success.

Special arrangements have been made in the various departments of the United States government to show particular attention to all members wearing the S. A. F. badge, so in whatever department one may be interested, he may rest assured everything will be done to impart information.

The United States Propagating Gardens have many new and interesting plants. Special guides will be in attendance to show and explain their method of greenhouse building, and the planting and growing of flowers will be thoroughly explained. The White House greenhouses adjoining are also very interesting. At the Department of Agriculture there will be enough to keep those interested busy for weeks.

Many other places are also to be found very interesting, and I will say that everyone interested in the flower business will find it much to his advantage to be present at the Washington convention, with the assurance from the Washington florists that they can go home and feel that whatever cost may have been incurred by their attendance was money and time well spent.

On Friday evening, July 14, we were favored by a visit by that ever popular and much loved "Phil" Hauswirth of, I should say Chicago, but will say, United States, because our society is national, and wherever good can be accomplished for the society, Phil can be counted upon for his assistance in making the event a success. W. F. Gude.

In order to facilitate the management in their arrangements for the entertainment of the visitors to the S. A. F. convention it is respectively requested—

First—That all ladies contemplating coming will send in at once their names to Mrs. Joseph R. Freeman, chairman ladies' entertainment committee.

Second—That all teams or individuals wishing to enter the bowling contest will send in their names to William H. Ernest, Station M, Washington, D. C., chairman committee on bowling.

Third—That ladies wishing to enter the ladies' bowling contest will send in names to F. H. Kramer.

Fourth—That all wishing to enter the shooting contest will send names to Z. D. Blackistone, Fourteenth and H streets, chairman committee on shooting.

Z. D. Blackistone.

Various Notes.

Practically all business at present is at a standstill, with the exception of funeral work, which has been fairly plentiful.

Committees all around report progress. There will be a meeting tonight to settle up all affairs and get the official program to date, but too late for the press, and as the writer would rather wait for definite information, will in next issue give all the news of the S. A. F. in detail. The boys all around can gamble on a good time. As per promise.

F. H. K.

WASHINGTON HOTELS.

The following list of hotels and rates is supplied by the hotel committee of the Washington Florists' Club:

The Shoreham, Fifteenth and H streets N. W., six squares from meeting hall; single rooms, one person, $2 per day; single rooms, two persons, $3 per day; room with bath, one person, $3 per day; room with bath, two persons, $4 per day; suites of parlor and two bedrooms with bath, $10 per day.

Arlington, Vermont avenue and H street N. W., seven squares from hall; $2 per day for each person.

Manhattan, 604 Ninth street N. W., European plan, one square from hall; for men only; $1 per day and upward.

Colonial, Fifteenth and H streets N W., Europeaan plan, six squares from hall; single room, $1 per day.

St. James, Sixth and Pennsylvania avenue N. W., European plan, seven squares from hall; single rooms, $1 to $2.50 per day; room with bath, $2.50 per day; suites with bath, $3 to $4 per day.

Columbia, for men only, 1413 Pennsylvania avenue N. W., six squares from hall; room for one person, $1.50 per day; two persons, $2.50 per day.

Metropolitan, Sixth and Pennsylvania avenue N. W., seven squares from hall; American plan, $2.50 to $4 per day; European plan $1 to $3 per day.

Johnson, Thirteenth and E streets N. W., four squares from hall; European plan, $1 per day and upward; American plan, $2.50 to $4 per day.

Cochran, Fourteenth and K streets N. W., seven squares from the hall; $1.50 per day, with bath $2 per day.

Fredonia, 1321 H street N. W., five squares from hall, American plan, single room $2 per day and up, double room $3.50 per day and up; European plan, single room, $1 per day and up, double room $1.50 and up.

National, Sixth street and Pennsylvania avenue, seven squares from hall; American plan, $2.50 per day, two in a room $2 per day; European plan, $1 per day and up.

Riggs, G and Fifteenth streets N. W., five squares from hall; $3 per day and up.

Ebbitt House, F and Fourteenth streets, five squares from hall, American plan, special rate of $2.50 per day, parlors and bath extra.

Fritz Reuter, Fourth street and Pennsylvania avenue N. W., five squares from hall, $1 to $4 per day.

The Washington Florists' Club especially recommends the Shoreham, Arlington, St. James, Colonial, Metropolitan, Johnson, Fredonia, National, Riggs and Ebbitt House.



CARE OF YOUNG STOCK.

The care of young stock during the next few weeks should occupy the biggest part of the time, as any neglect in cultivating, tying, disbudding, syringing or ventilating at this season is certain to cause such damage to the young stock that, however well we may treat them afterwards, we will never recover the ground lost. Too much importance cannot be attached to cultivation and this should be persisted in until the feeding roots begin to approach the surface of the soil, when further cultivation would be injurious.

In soils which are deficient in calcareous matter, and most rose soils are, a sprinkling of air-slaked lime on the soil previous to stirring will help to strengthen the stem and give tone to the foliage.

Ventilation will require to be carefully attended to and especially at night, when, with sudden fluctuations in the temperature, any laxity in the proper administration of air may nullify all our work and efforts during the day.

As the nights begin to cool it is well to have our heating apparatus in good order, so that we can with safety fire up on short notice and, as we may soon expect the outside temperature to fall below 60 degrees, when firing becomes a necessity, it is better to be prepared for just such emergencies.

Tying and training should now be practiced without intermission if we wish to get the bushes into good shape before the first crop matures. By allowing the young shoots to trail all over the bench we are inviting the eyes to break weak, which is sure to encourage a luxuriant crop of blind wood and, as one of my correspondents remarked, "blind wood does not pay."

By keeping the shoots tied neatly to the supports syringing is made easy and effective and it also allows free access of

the sun's rays to the soil and gives opportunity for a free circulation of air among the foliage, keeps the leaves hard and crisp and of good texture.

Disbudding should also be attended to regularly and carefully, not merely nipping off the bud, as is still practiced by some growers, but by carefully selecting the eye which is likely to produce a good cane, thus securing good, robust wood with eyes fit to develop future flowering stems.

Our insect enemies also must be looked after, as they reproduce so rapidly at this season that carelessness on this matter, even for one week, may cost weeks of labor and worry to overcome them. Mildew should be carefully kept in check. A frequent use of the sulphur blower will effect this and by using the preventives of fresh air and a moderately dry atmosphere this pest should give us little trouble. RIBES.

A DOUBLE CATTLEYA.

The accompanying engraving is reproduced from a photograph of a double flower of Cattleya labiata produced by a plant in the collection of J. P. Parker, Santa Cruz, Cal. Even the rostellum and pollen mass were doubled in this flower. It seems to have been almost a complete merging of two flowers into one.

CHRISTMAS BELLS.

Last season it was predicted that the sale of Christmas bells, particularly of the folding variety, was at its height and that another year would see a decline in the business done with this popular specialty, but B. Eschner, of M. Rice & Co., says the prediction is a long way from coming true. He reports everybody buying Christmas bells in fully as large, if not greater, quantities as a year ago. In some towns he finds the retail florists reluctant to handle the folding paper bell because last year the department stores cut into the trade with a cheaper article than is required for a first-class flower store. In such places the florists buy the immortelle bell. This is of red immortelles glued upon a papier mache frame and is selling in good quantities, particularly to the better grade of flower stores. It is not handled by department or other stores.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the REVIEW'S page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

July	29—Zeeland	Antwerp.
July	29—Caledonia	Glasgow.
July	29—Campania	Liverpool.
Aug.	1—Kronprinz Wilhelm	Bremen.
Aug.	2—Rotterdam	Rotterdam.
Aug.	2—Teutonic	Liverpool.
Aug.	3—La Touraine	Havre.
Aug.	4—Celtic	Liverpool.
Aug.	5—St. Paul	Southampton.
Aug.	5—Finland	Antwerp.
Aug.	5—Konigin Louise	Naples.
Aug.	5—Patricia	Hamburg.
Aug.	5—Umbria	Liverpool.
Aug.	8—Kaiser W. der Gross	Bremen.
Aug.	9—Potsdam	Rotterdam.
Aug.	9—Oceanic	Liverpool.
Aug.	10—La Gascogne	Havre.
Aug.	12—New York	Southampton.
Aug.	12—Vaderland	Antwerp.

OMAHA, NEB.—Paul Kossack, a grower, has been missing since June 27.



Double Flower of Cattleya Labiata.

MASSACHUSETTS GARDENERS.

Lenox.

If any evidence were needed of the steady increase in the number of private gardening establishments in Massachusetts, it is only necessary to visit one of the recognized horticultural centers, such as Brookline, the North Shore, or Lenox, and it will become at once apparent that there has been a truly wonderful development of late years. A large proportion of the newer estates are of greater acreage and contain more greenhouses than the older ones. Some have developed the Italian gardening fad to the best point it has yet reached, but by far the largest proportion favor a more natural style, which allows of the use of large masses of hardy herbaceous plants and annuals for color effects. Little of the old time bedding is seen; carpet beds are practically gone, and cannas, geraniums, etc., are hardly seen in beds at all. Geraniums are largely used in window boxes, however, as are a miscellaneous assortment of other plants. Large and well kept lawns are perhaps the best feature on the newer estates, motor lawn mowers displacing horse mowers in some instances, being, it is claimed, more economical. Better care is taken each succeeding year of trees and shrubs, as tree surgery becomes understood more, and insect pests are combated at every turn. The old-time plan of crowding trees, shrubs and beds all over the lawns is giving place to more rational ideas, which seem to increase the size of the estates by opening up pretty vistas which were previously hidden by a miscellaneous mixture of trees and shrubs, which were usually too thickly planted, never trimmed or, often trimmed with topiary precision to give room for pedestrians.

Lenox is one of the most interesting horticultural centers to visit in summer or fall. Of course it is not devoid of attraction in winter, but to be seen at its best July or October are good months to visit it. The tints on the forest trees at the later date make it the Mecca for many visitors. Located, as the various estates are, on high hills, with large stretches of lawns, running up to 100 acres each in area, and commanding extensive views of mountain, lake and forest scenery on all sides, the outlooks are magnificent and one tears himself away with regret from many of them.

Time did not permit of us visiting all the estates. With a temperature of over 90 degrees in the shade, such as we experienced in mid-July, some of the stamina is naturally taken from one, so we were unable to call on E. J. Norman, on the extensive Westinghouse estate, S. Carlquist, P. J. Donahue and some others whom we hope to see in the near future.

G. H. Morgan.

Our first call was on the veteran John Dallas, at the G. H. Morgan estate. We found him busy haymaking with a gang of men, but he gave us a cordial welcome. This is a fine old estate. Some seventeen acres are laid out and planted with great taste. Numerous fine specimen trees were noted, both deciduous and coniferæ. Cordon trained apples, pears, plums, gooseberries and currants were growing in the kitchen garden. Two peach houses were carrying fine crops of handsome fruit, Alexander Noblesse being especially good. Chrysanthemums were in fine shape, being four to five feet high and very sturdy. Some good seedling carnations were seen in bloom.

Enchantress is the best standard variety grown. A batch of Eucharis Amazonica in pots looked remarkably well. It had just given 175 spikes of bloom. Crotons, palms, orchids and a miscellaneous assortment of plants for furnishing are grown.

John Sloane.

One of the best kept of the Lenox estates is that of John Sloane, where A. J. Loveless is the presiding horticultural genius. There are a fine lot of greenhouses here, all quite modern. In roses Beauty, Richmond, Liberty, Bride and Maid were noted. Carnations are all grown inside and were coming along well. Melons filled several divisions, Sutton's English sorts being grown. Cattleyas have two houses. Some fine masses of C. labiata, Trianæ, gigas, etc., were noted. One house is devoted to cypripediums, quite a number of interesting seedlings being included. Nectarines and peaches filled two houses. Fruit was of very good quality. Chrysanthemums grown to single stems are here, as elsewhere in Lenox, grown in boxes, better results being obtained by this method than by bench culture. All the newest and best sorts are grown. Stems were five to seven feet high and should give some splendid exhibition blooms.

Palms, caladiums, crotons, dracænas, etc., are grown in considerable numbers. A north house contained a batch of 500 odontoglossums, the only ones seen in Lenox. Oncidium varicosum Rogersii, Vanda cærulea, dendrobiums and a few other serviceable sorts of orchids are grown. In the flower garden such plants as Phlox Drummondii, Petunia Bar Harbor Beauty, Lobelia tenuior, Japanese iris, clarkias and other annuals and perennials made a fine show. In the rose garden, recently made, a bed of Gruss an Teplitz proved the merits of this variety as a summer bedder. The so-called Baby Rambler looked wretched by comparison, being of a washed-out color and apparently more of a prey to red spider than any other rose. Crimson Rambler on arches made a fine showing, being followed by Clematis paniculata later. Numerous window boxes were filled with double Grant geraniums and variegated vincas.

Girard Foster.

Bellefontaine, the fine estate where E. Jenkins has charge, is always in the forefront at the Lenox shows and a big proportion of first premiums each year attest the quality of the stock grown here. Chrysanthemums were of grand quality and the walking-sticklike shoots should produce some superb blooms. Bordeaux mixture is found helpful in checking fungoid growths on the foliage. A house of Kaiserin and Carnot roses were of first-class quality. One large house was filled with palms and various other furnishing plants. Campanula pyramidalis is grown in quantity in pots for late summer piazza use. Nicotiana Sanderæ had been used in considerable numbers. We did not admire it. The colors seemed harsh. A number of well flowered plants in 8-inch and 9-inch pots of Carrie, Polly and other early chrysanthemums were noted on the piazzas and were quite effective.

Crotons, dracænas and other furnishing plants were very well grown in frames. Tuberous begonias, achimines and Campanula Isophylla are used freely for house decoration. Only a few orchids are grown. Nectarines and peaches occupy one house and grapes another. The last named is alone worth a trip to Lenox to see. The bunches of Black Hamburg would in some cases tip the scales at seven to eight pounds each, color, bloom and general finish perfect. Muscat of Alexandria, Gros Colmar and Gros Maræ were equally good. Mr. Jenkins is certainly an adept at grape culture. A fine lot of figs in pots were fruiting heavily. Bay trees are used in considerable numbers around the mansion. A pond of nymphæas containing several of the tender varieties was also very attractive.

Other Lenox estates will be written of next week. W. N. C.

BOSTON.

The Market.

Conditions have been materially improved since our last report. Receipts are very much lessened and for good stock there has been a very fair demand. There is not a heavy call for Beauties, but for good Brides, Maids and Kaiserins purchasers are readily found. The number of really good roses coming in is, however, small. This is not surprising after such a torrid wave as we have experienced. Carnations are mostly very small. A few are now coming in from outdoors. Some large growers are not sending in any at all now, all efforts being concentrated in preparations for housing new crops. Sweet peas are selling much better, but the heat and drought have made them very short-stemmed. The best are bringing 25 cents per hundred.

Quite a few outdoor gladioli are coming in. These sell fairly well and are used freely by the stores for window decorations. Lilium auratum comes from a few growers, but is not a very good seller, its heavy odor being considered objectionable. Achillea ptarmica The Pearl, herbaceous phloxes and asters in several colors are seen, but do not appear to be in much demand, the first named selling perhaps the best. Good, white asters should be in demand from now on, as carnations are very small.

The Exhibition.

Following the protracted heat wave the exhibition at Horticultural Hall on July 22 was smaller than usual. The Harvard Botanic Gardens, Robert Cameron, gardener, had a fine tank of aquatics, including Victoria regia, also a capital display of well grown achimines. T. C. Thurlow & Son and H. A. Stevens Co. made large displays of named herbaceous phloxes in all the leading sorts. L. M. Towle had a collection of thirty-eight varieties of sweet peas and A. E. Hartshorn a table of fine hollyhocks and petunias. Mrs. A. W. Blake had a specimen plant of Nicotiana Sanderæ and Mrs. E. M. Gill a general display. For collection of native ferns Miss Isabella C. Shattuck and C. C. Kingman took the prizes.

Fruits and vegetables made a fine display, the various classes being well contested. The Boston Mycological Club had an interesting collection of mushrooms, one edible variety being forty-two inches in circumference.

The next exhibition will occur on August 5. There will be weekly shows during the month of August. Perennial plants and phloxes will be special features on August 5.

Florists' Club Picnic.

Pleasant weather favored the long-looked-for picnic at Randolph Grove on July 25, although early indications were not very promising. The attendance was very satisfactory and everyone seemed to spend a most enjoyable day. The greatest interest, of course, centered in the sports, which included twenty-four events. Two prizes were given in each class. These included silver cups, umbrellas, fishing rods, meerschaum pipes, gold cuff links, ladies' sashes, clocks, shaving sets, brooches and other valuable and useful articles. Among the donors of these were: A. H. Hews & Co., T. F. Galvin, W. E. Doyle, R. & J. Farquhar & Co., Schlegel & Fottler Co., T. J. Grey & Co., W. W. Rawson & Co., Joseph Breck & Sons, Edward Hatch, Julius Heurlin, F. E. Palmer, James Wheeler, Duncan Finlayson and others. A fuller report will appear in our next letter.

Various Notes.

The Boston Sunday Herald of July 23 contained an interesting illustrated sketch of T. C. Thurlow and his work among peonies.

S. J. Goddard has been quite sick, threatened with typhoid fever. We are glad to report that he is much better.

Ernest Wild, of Braintree, is on a trip to England and hopes to return about September 1.

J. Tailby & Son, of Wellesley, have had a fine display of their new seedling yellow calla, Mrs. Theodore Roosevelt, in their fields of late.

Farquhar & Co. are offering their new Lilium Philippinense, which secured a gold medal in Boston last year, to the retail trade for immediate delivery.

W. N. Craig.

KNOXVILLE, TENN.

Charles W. Crouch has sold out his business to his sons, and has gone to England to visit his brother.

Charles L. Baum is tearing down seven old houses and erecting four adjoining the two he erected two years ago, also installing an eighty-horsepower return tubular boiler, which now makes his heating capacity 150 horsepower. The houses are 24x120 feet and are up-to-date in every way. Two of these houses are now planted with 8,000 chrysanthemums for single stems. The remaining two houses are to be planted with carnations next week.

A. H. Dailey reports stock looking well, but has suffered to some extent with stem-rot on his carnations. He is installing a new return tubular boiler.

Business as a whole has been about fifty per cent better than last year.

X. V.

COLUMBUS, O.

At the last meeting of the Columbus Florists' Club it was voted to send a delegate to Washington, the club to pay his expenses and he to invite the society to meet at Columbus another year. Columbus has excellent advantages as a convention city; in fact, it ranks first in the Union as a convention center.

We have had very unfavorable weather for outside cut flowers, so that sweet peas are out of business since July 4 and asters are not promising.

Carnations in the field are making a fine growth. W.



Louis Wittbold's Mechanical Sprinkler at the George Wittbold Place, Chicago.

MECHANICAL WATERING.

The accompanying illustration shows the best photograph yet secured of Louis Wittbold's mechanical watering device, which is just now attracting a great deal of attention and calling many visitors to the George Wittbold establishment in Chicago, where all the houses are equipped with it and where this picture was made. It is difficult to make a photograph which shows the sprinkler in operation, as it throws the water in a very thin sheet which the camera fails to catch. The main pipe is inconspicuous and is placed either on the surface of the bed or on the rafters. The nozzles are three or more feet apart and throw streams so flattened that they unite and make a solid sheet of water. The operator, who appears at the far end in the picture, turns on the water at all nozzles at once by simply throwing a lever; then by means of a swivel he directs the stream where he wants it, from one side of the bed to the other, or as he will. It is possible to wet both sides of the bench and not the middle if so desired and the work can be done very quickly. A place where the sprinkler is especially useful is above a line of plant baskets hung from the roof.

FROM WESTERN PRAIRIES.

I send by this mail a flower I would like named. I found it growing in a rich creek bottom. It is evidently a sunflower. It is a perennial and is a grand plant, both in flower and foliage. The latter is so large and luxuriant, a group of the plants have a tropical effect. It grows readily from seed and is a grand thing, much finer than many of the named varieties of helianthus now grown. It grows six feet high and over. Notice the cup formed by the leaves around the stalk. The cups thus formed by the lower and largest leaves will hold two or three tablespoonsful of water. These leaves are twelve to fourteen inches long and eight to ten inches wide. S. J. G.

The plant is Silphium perfoliatum, sometimes called the cup plant. There are several other silphiums, S. terebinthinaceum and S. laciniatum being cultivated quite freely in the eastern states. All the members of this genus are natives of the United States. W. N. C.

MENOMINIE, WIS.—Joseph Wolf is removing his greenhouses to this place, from Sparta, Wis. He will have two houses 18x100 and has good prospects for business.

ST. LOUIS.

The Market.

The past week was perhaps the dullest of the season. Business is quiet all over the city. Even the occasional funeral order was lost sight of last week. The death rate is very small and we can console ourselves that we have a healthy city. The retailers and wholesalers are having easy times just now. The growers, on the other hand, are very busy dumping old stock, replanting, building and painting. The stock that is coming to the commission men each morning is only fair; fancy is limited in all varieties.

Asters are coming in quite heavily, the bulk of them very good. White and purple seem to sell the best. As they are good keepers, the stores are buying quite heavily.

In roses the supply is good, also in quality. Miss Belle Miller, of Springfield, has about the best that come to this market. Carnations sell well when fancy. Of these only a limited number come in. Sweet peas are very poor and sell slowly. Tuberose stalks sell fairly well. Gladioli are becoming a glut at $3 per hundred. Other outdoor stock sells slowly.

Club Outing.

Had Mr. J. Pluvius behaved on July 20, the Florists' Club would have had a great time. As it was the rain kept many away. The morning party numbered only thirty-five and the afternoon delegation about as many. Those who came had a fine time, thanks to the arrangements of our trustees. Mellenbrock's Grove is situated on the east side and a better location for a good time could not be found. A strange coincidence was the absence of all the officers, as neither President Juengel, Vice-president Pilcher, Secretary Schray, nor Treasurer Meinhardt could be found on the grounds. Messrs. Guy, Ammann and Fillmore did their work well. The games, which took place in the dancing pavilion on account of the wet grounds, and the big fish fry were the features of the day. The first event was a nail-driving contest in which twelve young ladies took part and furnished lots of sport for the crowd. Miss Reeb, who came with Arthur Jablonsky, was declared the winner.

The next event created much amusement among the growers, a pot-breaking contest. This was for married ladies only. There were about fifteen entries and Mrs. Braun, wife of Foreman Braun, at Jablonsky's, proved the best pot-breaker, Mrs. Klockenkemper coming in second. The race for boys under 12 years was won by Phoenix Jablonsky; for boys of 14, by John Bentzen; young men's race, by Arthur Jablonsky; little girl's race, Angie Ammann; girls of 12, Alice Music. The rain had let up a little and the younger folks indulged in dancing, boating, bowling and other amuseements, of which there were plenty of all kinds on the grounds.

Picnic Notes.

Fred Ammann was here, there and everywhere and saw that Edwardsville's record for hospitality was sustained.

When Chairman Guy called for volunteers during lunch hour, your correspondent was the first man over the fence. Another record for us.

A voice calling for help in the evening near the lake proved to be that of "Bill" Adels. He was quickly pulled out.

Rude Windt, the official photographer, was on hand but the rain spoiled his plans.

Henry Emunds was the biggest man on the grounds. John Steidel, the pride of Central, was Mr. Emunds' physical opposite.

Frank Fillmore's undress uniform looked cool and comfortable whether he really was or not.

Henry Lohrenz and A. G. Bentzen are now regularly affiliated bowling bugs.

As the last of the crowd was leaving the grounds the sweet singers got busy and some one turned in a riot call.

We were glad to see our old friend, Julius Koenig. He was once a prominent member of the club and may be again.

George Angermueller "stuck for the big show" but passed up the flying Dutchman.

Fred and Herman Weber looked lost without mamma and papa, but then the old folks are on the other side of the big pond.

Various Notes.

W. J. Pilcher, the well known grower at Kirkwood, has formed a partnership with E. Burrows, to be knows as Pilcher & Burrows, brokers in florists' supplies, with offices at 717 North Fourth street. They expect to do a large trade over a wide section of the country, buying or selling anything a florist uses.

John Kalisch has returned from his trip to Portland and speaks highly of the exposition. Ed Kalisch, his brother, and wife will leave next week for an extended trip east by the way of Buffalo and will meet the St. Louis delegation at Washington.

Henry Lohrenz is building a handsome new show house and store near his old place, which will be furnished by September 1. He says the boys can look for a house-warming.

Fred Alves, at Angermueller's, will take a week's vacation and be back in time to let Mr. Angermueller off to attend the S. A. F. convention.

Emil Schray is building a row of flats near his place, one of which will be occupied by himself, but the first occupants of the flats will be "Fillmore's twins."

Fred Meinhardt is still very busy with cemetery work. He says he will have to catch up with the work so he will not miss the convention.

Miss T. Badaracco will leave soon to spend a month at West Baden Springs, Ind.

W. A. Chalfant, of Springfield, Mo., was in town Friday. Mr. Chalfant left the same night for Chicago and from there he will go north to spend a month on a much needed vacation. He is a member of the St. Louis Florists' Club and called on several of the members.

In conversation with some of the S. A. F. members in St. Louis, they seem to favor St. Paul and Minneapolis for the next meeting place of the society. If the brothers from that place are willing, I am sure that they could rely on the west to help them land the prize. We hear of a little jealous feeling because St. Paul was mentioned in the Bible and Minneapolis was not but this can be overcome when the society meets in 1906. Let's hear from the twins on the subject.

Bowling.

The bowlers had a cool night on Monday and the result was as follows:

Player.	1st	2d	3d	4th	T'l
R. Meinhardt	161	130	163	167	621
J. J. Beneke	141	159	164	148	612
C. A. Kuehn	166	165	168	107	606
F. Meinhardt	141	153	135	170	599
H. Lohrenz	109	151	131	152	543
Ed Gerlach	148	96	156	110	516
F. M. Ellis	136	115	120	136	507

J. J. B.

NEW YORK.

The Market.

It was 105 in the shade! Need anything more be said as to the market of last week? New York was not only the biggest but the hottest city in America during the last thirteen days, ending on Friday, when the crest of the hot wave was submerged and we began to breathe again. Deaths and prostrations were many, but we hear of no calamity in the trade and now the reaction is letting us all sit up and take notice again. Saturday and Monday the temperature was most seasonable and life again became worth living.

Shipments of stock are scarce and quality of goods received mostly second and third class. What few Brides, Maids and Beauties of good quality reach the market are snapped up quickly. There seems to be no surplus of anything this week. Even sweet peas were of some account on Monday and some good ones touched $1 a dozen bunches. There were few carnations of any kind offered and even gladioli were not over abundant. As we predicted in our last, the bottom was touched a week ago. The market will drag for a few weeks and then the new life will be infused into everything and we will forget there ever was a flood.

At last lilies have shortened up and their value has increased. They have held on this year with wonderful tenacity. Water lilies are now abundant. The retail windows make a specialty of them, with artificial ponds and fountains. Asters are gathering their forces daily for the expected invasion. It will be another Port Arthur when they come. There can only be one result, a complete surrender.

Various Notes.

The announcement of the generosity of the president of our Florists' Club in providing lemonade for all comers during the hot spell raised the price of lemons on Twenty-eighth street perceptibly. The celebration of the advent of a son and heir may have been a factor in the liquidation.

The prospect for a large attendance from New York at the convention brightens daily. Already nearly fifty have signified their intention of going and dozens are not heard from who will be sure to go. I predict a crowd of 150 from New York and vicinity. A special train is now assured. Great preparations are being made for a gala occasion. Noon, Monday, August 14, is the prospective hour for leaving and arrangements for stop-overs at Baltimore and Philadelphia on the return are a certainty. Secretary Young would be glad to have all who intend to go send him notice at once. The commissary department is in able hands. Mr. Nugent is a liberal host. There will be an abundance of good things for the inner man.

The president of the S. A. F. was in the city on Sunday and Monday on his way to Boston.

Mr. and Mrs. Crouch, of Knoxville, Tenn., sailed from New York for England Saturday, July 15.

J. H. Troy, of the Rosary, leaves for his annual European trip the last of August.

W. H. Hughes, with A. T. Boddington, is enjoying his holiday in the Catskills. David A. Dean, with the same house, son of Jas. Dean, is summering with the old folks at home, at Freeport, L. I. Dr. Bunyon has just returned from a fishing trip and the three busy B's, Boddington, Begbie and Bunyard, were up to their eyes in the meshes of a new catalogue and in pansy seed shipments when I called.

Miss Forne, of the New York Cut Flower Co., leaves this week for her home and annual vacation in Canada.

William Ford, of Ford Bros., has had two delightful weeks at Lynn, Mass., and Michael Ford is getting a new coat of tan at Atlantic City.

Saltford has completed the repapering and painting of his store and J. K. Allen is making everything look like new at his headquarters on Twenty-eighth street.

Some fear has been expressed that the bulky exhibits from this vicinity are going to crowd the space at Washington to overflowing. It does look as if there would be nothing to spare when the last one of the displays arrives there.

The New York Bowling Club having dissolved, the men to represent the metropolis will doubtless be chosen on the train and the team will be selected on its merits. Next year, doubtless, the New York Club will have its own bowling facilities and a team in which every member will have an interest.

Everything indicates a great season at Newport. Already the dinner engagements keep the New York branches busy. Everyone reports a multiplicity of bookings and the shipments of good flowers, especially Beauties and orchids, grow daily. The orchid supply was about depleted on Saturday.

A visit to the home of the Telegraph geranium, at Poughkeepsie, last week was enjoyable. In the 100 degrees in the shade temperature I found Thos. De Voy & Son busy preparing for the big storm coming over from the Catskills and breaking the back of the heat wave that even up here in the mountains had become unendurable. The firm has seven houses, over 15,000 square feet altogether, devoted to violets, tomatoes and Telegraph geraniums in rotation, excelling in the quality of each and making all encouragingly profitable. Three houses of tomatoes were especially fine and commanded the highest value in the local market. The violets are all handled by John Young and are of extra quality. Three houses are devoted to the grand cerise bedding geranium, Telegraph. Over 50,000 plants in 2½-inch and 3-inch pots have been handled and the stock is well depleted. Florists will be able to note its splendid color and bedding qualities at the government grounds at Washington. It will stand any ordinary experience, is strong and robust, remarkably brilliant in color and already wonderfully popular. J. Austin Shaw.

We were cleaned out of young Mums in a hurry by our adv. in

The Weekly Florists' Review

It seemed as though everybody in the land wanted some of them. We had to turn away many orders.

BAUR & SMITH.

Indianapolis,
July 25.

PLATYCODONS.

We enclose a leaf and flower from a plant of which we do not know the name. Will you please enlighten us?

A. T. B.

The leaf and flower are from one of the platycodons, which are members of the campanulaceæ family. The variety most frequently seen is P. grandiflorum, also called Campanula grandiflora and Wahlenbergia grandiflora. The common names are balloon flower and Japanese bell flower. The color varies from pure white to purplish blue. In Massachusetts the plant grows two feet high in good soil. There is a dwarfer and rather better form named P. Mariesi, of more recent introduction; it rarely exceeds one foot in height. W. N. C.

BEAUTIES That Can't Be Beat

SPECIAL FANCY LONG-STEMMED STOCK

These Beauties are the best the market ever saw in mid-summer—right up to winter quality in color, size of bud, stem and foliage. You will like these Beauties and **we want your order.** We have a big cut on.

Good Roses and Carnations are in limited supply on this market at present, but we have fine

Auratums, Harrisii and "Glads"

in very large supply and can always fill your orders to your satisfaction. Plenty of Asters and good stock in all other lines. "Green Goods" summer and winter. Send to us for what you want and you'll get the best stock in the market.

FANCY VALLEY ALWAYS ON HAND

We close at 5 p. m. during July and August.

AMERICAN BEAUTY,	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Kaiserin	3.00 to 8.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Liberty	4.00 to 8.00
Carnations	1.50 to 2.00
Asters	1.50 to 2.00
Valley	4.00
Auratums, per doz., $1.50	
Easter Lilies, per doz., 1.50	
Sweet Peas	.40 to .50
Feverfew, per bunch, 25c to 35c	
Gladioli	3.00 to 5.00
Shasta Daisies	.75 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze, per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Smilax, per doz., $1.50	10.00
Fancy Ferns, per 1000, $1.00	.15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **Chicago, Ill.**

CHICAGO.

The Market.

Up to Tuesday trade conditions had changed practically not at all since last report. The demand continued very satisfactory to the wholesalers, who report their sales exceeding in money value those of last year, by as much as twenty-five to thirty-five per cent.

Receipts of stock have not greatly increased, so far as roses are concerned. There are a few more Beauties of fair grade, but not enough to seriously impair the value of the best goods. There are a few fair Brides and Maids from old stock, but most of the receipts are now from the fresh plantings and are of the usual quality under the circumstances. The new cut is increasing steadily. There are more carnations, and asters are coming in heavily enough so that the price of both carnations and asters began to weaken on Tuesday. It will not be long before there will be floods of asters.

There are good supplies of auratum lilies which are selling well. Quite a good many Harrisii are seen. Lilium album and rubrum are received in a few houses and sell well. Gladioli are very abundant and make all kinds of prices. Light colored varieties are doing much better than dark, but red sells well because of its usefulness in window displays, etc. Sweet peas are no longer so abundant and what few remain are usually of very poor quality. There continue to be large supplies of "green goods," for which there is little outlet.

Death of L. P. Kelley.

Everyone knew Larry Kelley. He had been a familiar figure in the market for many years, at one time having been the manager of the wholesale business of S. B. Winter. At other times he had been in the employ of different wholesalers and at various times had conducted small retail stores on his own account. Lately he had worked for E. C. Amling, to whom on Saturday he sent a note explaining his illness. On Sunday night he died. The cause was congestion of the lungs. He was 34 years of age and leaves a wife and son.

Strike Ended.

The teamsters' strike was brought to an end July 21 by the unconditional surrender of the unions. The strike had lasted for 105 days, but after the first few days did not interfere in the least with the florist business, at least as to shipments, but it cost the general business interests of the city millions of dollars. Since the hostilities ended some of the strikers have their jobs back but are refused permission to wear their union buttons and there are rumors of further trouble.

Dan Branch's New Place.

Last spring Dan Branch, who has been in business for years at Fortieth street and Indiana avenue, opened another store on Fifty-first street near the Alley L. He did a fair trade there from the start and is now engaged in building a range of glass back of the store. He put up a brick boiler shed and has built two houses, each 30x125, and three smaller houses, about 20x60. He will use these for bedding plants, palms, ferns, chrysanthemums and carnations. The location is a good one for a general retail trade and there is no competition near.

The Horticultural Council.

During the World's Fair flower show a movement was set on foot to organize a National Council of Horticulture, a committee of seven being appointed to prepare a plan of organization. Prof. L. H. Bailey, Prof. L. R. Taft and Prof. H. C. Irish of the committee, were in Chicago last week and a full plan of organization was adopted. The membership will consist of two delegates from each national horticultural society, with nine delegates at large. J. C. Vaughan is chairman of the committee.

Various Notes.

As yet no arrangements have been made as to a route to Washington for the convention, as it looks as though the war between the New York lines may result in something better than the regular fare and one-third rate.

Miss Nellie Moore leaves next week for a trip to Minneapolis and then to Texas.

The Chicago Rose Co., at Libertyville, has one house finished and expects to be all planted up this week.

Growers are busy planting. Most of them are through or nearly through with roses, and J. A. Budlong will finish planting carnations by the end of this week.

F. F. Benthey returned Tuesday from a fishing trip to Diamond Lake.

P. J. Hauswirth will captain Chicago's bowling team at the convention. The others entitled by their averages to

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Long	$3.00 to $4.00
Fair length	2.50 to 3.00
Medium	1.50 to 2.00
Short	.75 to 1.00
	Per 100
Brides	$3.00 to $6.00
Bridesmaids	3.00 to 6.00
Liberty	4.00 to 8.00
Kaiserin	3.00 to 8.00
Golden Gate	3.00 to 6.00
Carnations	1.50 to 2.00
Asters	1 00 to 2.00
Gladioli, common	1.50 to 2.00
" light colors	4.00 to 6.00
Auratum Lilies... per doz., $1.50	
Valley, our specialty, best	4 00
Daisies	.75 to 1.00
Smilax.....per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string. 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns....per 1000, $1.50	.20

Subject to change without notice.

Packing and delivery at cost.

Mention The Review when you write.

places on the team are Stevens, Asmus, Bergmann and Degnan, with Balluff as substitute.

The Hinsdale Golf Club last week concluded a novel handicap in which the contestants could play any nine holes of the eighteen. O. P. Bassett was the winner. In another Hinsdale tournament E. B. Washburn, son of C. L. Washburn, won in the semi-finals.

Fred Weber feels very well satisfied with the outcome of his season. His place was newly built last year and he did not get the start expected in the winter, but the other fellows had big crops. As a result, Beauty prices were never lower. Mr. Weber has had a splendid cut for the last few weeks when prices have been the best known for summer, and expects it will carry him some little time longer, after which he will dry off his plants and start at growing a Christmas crop.

Bassett & Washburn are putting in a Martin rocking grate for a trial. If it suits them as well as they expect it to they will equip all the boilers in their big central heating plant with it.

G. H. Pieser, secretary of the Kennicott Bros. Co., has returned from a week with the bass at Fox Lake.

W. E. Lynch, of E. H. Hunt's, and Mr. Bohannon, of Bohannon & Canger, are at Fremont, Mich., with their families.

C. M. Dickinson, manager for E. H. Hunt, has returned from a few days at Grand Rapids.

Both C. W. McKellar and George Reinberg have added materially to their space by the erection of balconies for office purposes.

D. Nicas, the Randolph street retailer, and A. Lange, of Monroe street, are in Europe, one in Greece, the other in Germany, but each spending his spare change for souvenir postal cards to send home to the boys.

Among the recent visitors were W. A. Chalfant, of Springfield, Mo.; Geo. E. Crabb, of Grand Rapids; C. C. Pollworth, of Milwaukee.

Those readers who send queries and do not sign name or address should remember that they thereby make it impossible that they be answered.

KANSAS CITY.

The Market.

Very little business was done the past week, the weather being very hot and dry, very little good stock is seen. Roses are very poor. Some varieties of carnations are in good condition. There is practically no call for anything except funeral bunches and a very few hospital flowers. The greater number of the retailers are putting their stores in shape, remodeling and painting, preparing for the fall trade, which promises to open sooner this year than it has been doing, as several functions of note are booked for the last of August and first part of September. The growers are busy getting everything in trim for the fall and winter trade, fixing up houses and cleaning up generally. The outlook at present is for a strenuous season, judging by the number of society events listed.

Various Notes.

The Owl Floral Co., James Papadakos, proprietor, will open for business next Saturday at 1001½ Walnut street, formerly occupied by Arthur Newell. Mr. Papadakos has been in the business here the past four years in the Owl Drug Co. store. A full line of cut flowers and plants will be carried.

A visit to the establishment of the Rock-Heite Floral Co. shows the successful perseverance of this firm. Starting in a few years ago with a few houses they have built up their business so that now they have one of the finest ranges in this section of the country. The untiring energy of Mr. Rock, coupled with the ability of Mr. Heite have broken down all barriers, until now this firm has taken a leading place in the race in this city of progressive florists.

Mr. Shaeffer, of the Kansas City Floral Co., has flitted up to the northern lakes on his annual vacation and will put in the next three weeks fishing and taking things easy.

Alex Kerr, foreman for E. A. Humfeld, has returned from a two weeks' vacation in Colorado. He looks well and promises to make the rest of us hustle to keep up the coming season.

Miss J. E. Murray reports business as quiet at present, but is getting her share of the business and is satisfied with conditions.

Mr. Wallace, formerly with R. S. Brown & Son, has purchased five acres at Marlborough, a suburb of this city, and will build several houses to be used in raising a general line of stock for this market.

Will Bridgeland has turned his ever ready hands to building these days and is now deeply engaged in rebuilding benches and putting in fall stock.

Narcissus.

PHILADELPHIA.

The Market.

The feature of this week's market is the increased quantity of asters of good quality in all colors, and of gladioli. Carnations are falling off in numbers, while good sweet peas are difficult to obtain. Roses are about the same as last week. The Newport Beauties handled by the Niessen Co. continue an important factor. The demand has been excellent for July, design work being reinforced by orders from the summer resorts, which are now arriving. Those having good flowers find a ready market for them.

Business Matters.

A meeting largely attended, of the creditors of Robert Kift & Son was held last Friday. Samuel S. Pennock was chosen trustee, with instructions to have the firm's books audited and report to a meeting to be held on Monday, August 7, at 11:30 a. m., at 1416 South Penn square. The outlook is not encouraging.

The creditors of the L. Peacock Co. met in Camden last week and appointed E. A. Flood, W. B. Robinson and Charles A. Green trustees, representing lumber, glass and fertilizer accounts, respectively. The company has given four mortgages aggregating $6,000 on fifty-eight acres of land. The interest due on these mortgages has been paid, but the holder of the second and third mortgages wishes them paid off. It is probable that with careful management the company

SPECIALS

ASTERS, . $7.50 to $15.00 per 1000
GLADIOLI . 10.00 to 25.00 "
CARNATIONS, 7.50 to 20.00 "
AURATUM LILIES, . $12.50 per 100
FINE VALLEY, . . . 3.00 "
LONG BEAUTIES, . . . 25.00 "

SPECIALS

ROSES are scarce but have the best on the market, $2 to $6 per 100.

Our store closes at 5 p. m. until Sept. 1.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

Our Novelties

The best Novel and Standard Florists' Supplies ever imported and manufactured are being gathered in our immense warehouses at Nos. 50, 52, 54 and 56 North Fourth Street, where we will be happy to show you all the coming styles in

Baskets, Ferneries, Crepe Papers,
Pot Covers, Mats, Screens, Vases,
Wreaths, Metallic Designs

and all other FLORISTS' REQUISITES.

A cordial greeting awaits you.

H. BAYERSDORFER & CO.

THE FLORISTS' SUPPLY HOUSE OF AMERICA

50-56 N. 4th St., PHILADELPHIA

Mention The Review when you write.

will be able to meet all its obligations at the close of the dahlia flowering season.

John Burton's New Place.

The most progressive florists' paper takes pleasure in giving its readers a brief description of John Burton's new place at Wyndmoor, on the Lonsdale property purchased a little over a year ago. There are six houses, five just completed, all in one range, the sixth remaining from the old place. The five houses run as before stated, 16 degrees east of northeast, are about fifteen feet high at the ridge and seven at the sides, with an angle of between 33 and 34 degrees. They are about 275 feet long and taken all together about 102 feet wide. The new range contains fifteen ground beds and the older house three benches. Of these six houses, four are planted with 10,000 American Beauty roses and two with 5,800 Liberties. The houses are light and strongly built. They have side glass and walks around the outside. The leveling and staking is being done and the boilers are being set. Mr. Burton, his son and employes are to be congratulated on the result of their hard work during the last few months. The Flower Market will distribute the entire produet of this place.

Various Notes.

The Henry F. Michell Co. has received its first importation of Lilium Harrisii in fine shape. Their freesia and California calla lily bulbs are also particularly good this season.

H. Bayersdorfer & Co. say that this has been the best summer in the history of their large florists' supply business.

F. H. Riegelmeier, formerly with Robert Crawford, Jr., now with A. W. Smith, of Pittsburg, has been visiting many of his old friends in this city.

Wm. R. Smith, of Washington, D. C., was here last week, before sailing for a short visit to bonnie Scotland.

M. Rice & Co. are looking forward with pleasure to showing their new home to their friends who pass through this city next month.

Robert Craig spent a few days this week with Commodore Westcott at Waretown, N. J.

A. B. Cartledge is expected back from his yachting trip on Saturday.

Pennock Brothers had some very handsome orders for a funeral at Torresdale on Monday.

The Flower Market is handling some exceptionally nice Liberties. You can't make them tell who grew them.

D. T. Connor has received an order to erect a greenhouse on top of a coal mine in Minersville, Pa. No one doubts that he will do it.

Paul Richter, the popular manager of the H. F. Michell Co., will spend his vacation at Betterton, Md. It is nearly as hard to get Mr. Richter to take a vacation as it is to get H. F. M. himself.

Wm. J. Baker is handling some nice white roses and carnations in assorted colors. I know this is true, for the junior partner says so.

The Leo Niessen Co. is receiving a splendid lot of asters in all colors.

Samuel S. Pennock is handling high grade Kaiserins and valley, also a few orchids.

Edward Reid has nothing to say about what he is handling, from which you may infer he has some hurry-up orders.

Edwin Lonsdale will treat the Florists' Club to a little historical sketch next Tuesday.

Joseph Heacock has gone to Boston by sea for a short rest.

Now that George Rausch has returned from his vacation, Henry Bauer will be off for his holiday.

Henry Small, of J. H. Small & Sons, was in this city last week.

George Burton, the renowned rose grower, received the congratulations of his friends last Monday on the arrival of two little boys. Mother and sons are doing well.

Thaddeus N. Yates & Co. are tearing down and rebuilding one of their houses and putting in additional heating surface. Lilium Harrisii, their specialty last winter, will be more largely forced than ever this season.

August Corts & Son, of Wyncote, have a popular thing in their stake fastener. It is a labor saver. PHIL.

SAVONA, N. Y.—F. E. Youmans has gone out of business.

DAVENPORT, IA.—Forber & Bird are putting up a large house for carnations, the increase in business necessitating larger supply.

WICHITA, KAN.—On July 22 fire did $500 damage at the greenhouses of D. S. Hersey, being caused by the explosion of a gasoline stove.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

Richard F. Gloede, Evanston, Ill., submits for registration seedling geranium Mrs. Richard F. Gloede; flower semi-double, very large; color rose pink; foliage dark green, zoned; growth exceedingly strong; tested three years.

Edward Amerpohl, of Janesville, Wis., submits for registration Nephrolepsis Amerpohlii, sport of Nephrolepsis Piersoni; has the compactness of N. Piersoni elegantissima and resembles it closely except that the pinnules are again cut and sub-divided until the frond has the appearance of a piece of lace work. Wm. J. Stewart, Sec'y.

COLD STORAGE LILIES.

Can you tell me how much time to allow for the forcing of cold storage longiflorum lilies? They are now in storage and we would like to have them in bloom for Thanksgiving. F. W.

As Thanksgiving does not arrive until November 25, we are liable to have several weeks of cool weather before that and perhaps a few days of sharp weather. I would advise you to allow ten weeks from cold storage. If you should be a week too early there would be no harm done, as it would be easy to hold them at that time of the year. If you are keeping them in your own cold storage or in your town see that they are not kept in too low a temperature. If possible to keep them at 30 degrees that would be ideal, but do not vary much from 3 to 4 degrees below the freezing point. Ten degrees below the freezing point for any length of time would much impair their vitality. W. S.

Duluth, Minn.—Mrs. Horton, of Bassett & Washburn, Chicago, was a recent caller on the trade here while on a vacation trip.

Denison, Tex.—E. Farley reports business good and stock looking well; roses, carnations and ferns in best demand.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—As foreman and grower roses, carnations and general stock; married; thoroughly experienced; best of references. Address No. **73**, care Florists' Review, Chicago.

SITUATION WANTED—By a German, 29 years of age, single; 14 years' experience in cut flowers and general stock; strictly sober, and willing and able to take charge of place of 10,000 feet of glass or more where good stock is wanted; please state salary and particulars in first letter. Address Gardener, 1400 Ashland Ave., Evanston, Ill.

SITUATION WANTED—As working foreman in a first-class retail florist business where general line stock is growing; 22 years' experience in roses, carnations, chrysanthemums, violets, palms, ferns and bedding stock; would like a steady place; 35 years of age; single; German. Address No. **74**, care Florists' Review, Chicago.

WANTED—Second-hand Kroeschell hot-water heater, rated for 7,000 ft. of glass. M. A. Barick, Seymour, Ind.

WANTED—Young man as assistant; give references and wages expected with board and room. J. Sanstrom, Momence, Ill.

WANTED—Good second-hand hot water boiler, to heat 1200 feet radiation; state full particulars. Address 5600 Delmar Ave., St. Louis, Mo.

WANTED—At once, a good grower of carnations, mums and general stock; steady place for right man; state wages. W. H. Humfeld Floral Co., Kansas City, Mo.

WANTED—One second-hand No. 16 or 17 Hitchings hot water boiler; must be cheap and in first-class condition; quote price at once. Emma R. Ogborn, Knightstown, Ind.

WANTED—By August 7, a good grower of carnations, smilax, mums and general stock; please give reference and state wages in first letter. Address H. T. Miller, Salem, Ohio.

WANTED—First-class man who can grow A1 roses and carnations; $65.00 per month to start; must furnish satisfactory reference. Address No. **51** care Florists' Review, Chicago.

WANTED—Good, steady man who thoroughly understands the growing of roses and carnations; best of results expected; state wages expected with or without house. James Hayes, Topeka, Kan.

WANTED—A single man with practical experience in cut flowers and pot plants; must be strictly sober, and willing and able to take charge; with references; $12.00 per week. Address J. B. Goetz Sons, Saginaw, W. S., Mich.

WANTED—Capable man to take charge of growing carnations, chrysanthemums, roses and general cut stock; business and equipment entirely new; good position for right party; must be able to produce best stock; must be of temperate habits and of good character; state salary expected; especial good chance for young man desiring advancement. Address The Calla Cut Flower Co., Calla, Ohio.

WANTED—I have a thriving business in a hustling town of 11,000, location in California, and need a partner with $1000.00 to assist me in the work and help me develop the business; wish to add to the greenhouse business a seed department; there is a splendid opportunity to establish a nursery, the soil, climate, etc., being especially suited, and all the land needed can be had on long lease at low rental; have the only greenhouses in the county and the demand is greater than I can supply. For full particulars address No. **75**, care Florists' Review, Chicago.

FOR RENT—Small place in live town; store in connection; will sell stock and fixtures at a sacrifice. For particulars address No. **47**, care Florists' Review, Chicago.

FOR RENT—At Frederick, Md., greenhouses, 18x63, 12x102, 20x162; boiler room, 18x60, equipped with a No. 8 Furman boiler and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure; labor cheap, city water; no stock on hand; rent $300 per annum, half payable in advance every six months; ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Henry Trail, Frederick, Md.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE OR LEASE—Greenhouse property and established business on street car line in city of 35,000; stock will invoice $500; 3 houses 20x50; ground, 100 ft. front, 210 deep; will sell stock for cash and balance of plant on time or will lease at low rate; for further particulars, address No. **72**, care Florists' Review, Chicago.

FOR SALE—Boiler tubes, 3½-inch, 8c per foot. Nemaha Greenhouses, Seneca, Kan.

FOR SALE—Half price; 3000 pots, 2½ to 4-inch; 5 boxes A glass, 10x28. F. J. Pratt, 528 2nd St., Faribault, Minn.

FOR SALE—One $8.00 Clipper lawn mower, never used; will sell for $4.50. Poole & Purlant, Bellefontaine, Ohio.

FOR SALE—I offer standard glass, all double strength—40 boxes 16x16 A, 100 boxes 16x24 A, 125 boxes 16x24 B. Will sell at a bargain. A. C. Brown, Springfield, Ill.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—Closing out sale of greenhouses; 40,000 feet of glass, sash bars, boilers and steam pumps; 1-in., 1¼-in., 1½-in., 2-in. and 2½-in. steam pipes and valves; hotbed sash, tools and pots; to be sold in part or whole; at very low price to close the estate of Grove P. Rawson. The Florist, 705 Winsor Ave., Elmira, N. Y.

FOR SALE—5000 ft. glass, good trade; good house and barn; fine grounds, five or more lots; in a natural gas city of 15,000; this is a snap. Address A. L. Harmon, Iola, Kan.

FOR SALE—Six greenhouses, two acres of land, and general stock of plants and 7000 carnation plants in field; must be sold before the 30th of August. Address P. O. Box 452, Clyde, Ohio.

FOR SALE—Good paying greenhouse, best location in city; well established trade; good place for the right party; will sell cheap if taken at once. For full particulars write Wm. Kraft, Oneida, N. Y.

FOR SALE—Four acres, all improved, and 10,000 feet of glass; a splendid opportunity for anyone contemplating locating near the coast. For particulars address Gustave Teufel, R. F. D., No. 2, Portland, Oregon.

FOR SALE—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890, are offered for sale; a good opening for a practical man. W. H. Hammersley, Lake Geneva, Wis.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester, N. Y.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Half interest in an up-to-date florist business; 4000 ft. of glass and retail store doing a large business with good prices; no competition; will sell only to a first-class hustling grower. Address Henry M. Burt, Battle Creek, Mich.

FOR SALE—Or rent, in N. E. Iowa, a good florist business inside city limits of 5000; 12 acres of land; 10,000 feet of glass; heated with hot water; good 8-room house and a barn in the best of condition; a fine chance for a young florist; reason for selling, age. Address No. **69**, care Florists' Review, Chicago.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 1[illegible],000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE CHEAP

HOTBED SASH

250 new sash, 3x6 feet, cypress, glazed with 12x14 double strength A glass; painted 3 coats white lead and linseed oil; just bought, cost us $3.75 complete; for sale at $2.25 apiece; 25 or more at $2.00. Also 100 boxes 16x24 B double strength glass, some never unpacked, at $2.20 per box; 125 boxes 16x24 single A, $1.50 per box. **Cash.**

CLIFTON HILL FLORAL CO., Omaha, Neb.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review, Chicago.

WANTED

A store man, for the leading retail store in a western city; must be of unquestionable character and ability; do not apply unless you are a high-class man and are now, or recently have been, employed in New York, Philadelphia or Boston.

Give experience, references and where now employed in first letter which will be held strictly confidential.

The salary will be in keeping with the position we have to offer. Address

No. 71, care Florists' Review, Chicago.



P. BASSETT
E. L. WASHBURN

GREENHOUSES HINSDALE, ILLS.

Bassett & Washburn
CUT FLOWERS.
GROWERS AND WHOLESALE DEALERS
76-78 WABASH AVE

Telephone Central 1457

DEALERS IN
FLORISTS SUPPLIES
WIRE WORK
A SPECIALTY

Chicago June 28, 1905.

E. H. Hunt,
76 Wabash Ave.,
Chicago, Ill.
Dear Sir:-

As per your request we give our experience with To-Bak-Ine Liquid as a spray for Thrip. We used two tabelspoonful of the liquid to a gallon of water, and found fourteen gallons sufficient for a house of Bridee 25x300 ft. We applied this about two or three days apart, and found it cleaned the Thrip completely out of the house. Since then we have used it in other houses as a spray, and find this method very much better than fumigating, and think we will depend entirely on spraying with To-Bak-Ine Liquid in the future, as it does the work so much better than smoking.

Yours very respectfully,
Bassett & Washburn

Don't Let Thrips Get the Start of You

Too few growers appreciate that the best use for an insecticide is as a preventive. "A stitch in time saves nine." Don't wait until you MUST fumigate. "Do it now" and the blooms you save will a great deal more than pay the cost of KEEPING THE HOUSES CLEAN. : : : : : : : : : :

Write for Booklet "WORDS OF WISDOM," by leading growers, which tells all about To-Bak-Ine Products.

E. H. HUNT

76 Wabash Ave. CHICAGO

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

THE new crimson winter rhubarb is being pushed by English houses. It is a Burbank product.

MANY seedsmen will offer for next season seeds of legumes inoculated with nitrogen-fixing bacteria.

HENRY ECKFORD, the English sweet pea raiser, was recently the recipient of the Victorian medal of honor.

H. M. EARL, of Burpee & Co., who recently returned from a trip to Europe, is now on his way to the Pacific coast.

THE pea crops are weedy and hard to size up. The general opinion is that a short crop will be harvested.

BEANS are doing well considering the adverse conditions at the start. It is too early to give any idea of what the crop will be.

TAKING the reports received from all sections into account, the onion set harvest of 1905 will fall below that of 1904 by one-third.

REPORTS as to business activity in the seed line at present time express confidence in the coming season, with varying statements as to the profit of the season just ended.

A FARMER is suing an English seed house because twenty-two acres of Best of All purple-top swede proved to be a plant which nobody recognized. In spite of the non-warranty the plaintiff claimed that the seedsman was under necessity to supply some sort of swede. The defendant pleaded that true stock was delivered but that it sported or reverted to some valueless type, although all other seed from the same 685-bushel crop came true. The judge withheld his decision in order to study up.

NEBRASKA SEED CROPS.

C. P. Coy & Son, Waterloo, Neb., write as follows under date of July 21:

"Seed crops promise to give good returns, so far as can be foretold at this date. The season is not sufficiently advanced so that satisfactory yields can be considered certain as yet, but the outlook is favorable now, so far as this district is concerned."

The Western Seed & Irrigation Co., Fremont, Neb., writes July 22 as follows:

"While we cannot just at this time give detailed reports, crop conditions, generally speaking, are not as favorable as we could wish, owing to the cold, backward spring, which not only delayed planting but also caused many crops to be replanted, and also on account of damage caused by cutworms and bugs.

"With a few exceptions early and medium varieties of sweet corn promise fair crops, but we do not look for more than half a crop of late sweet corns.

"Cucumbers are looking well and from present indications ought to make a good crop. Musk and watermelons show fair prospect, with few exceptions, but

late. Pumpkin and squash are favorable in some instances, while in others we do not look for more than half a crop on account of the cold, wet spring and damage by cutworms and bugs, which in some cases have taken entire crops where the acreage was small.

"We have just had a severe hot spell, which lasted fully a week, and, although the weather has been somewhat cooler for the last three days, we are needing rain badly."

HARRISII LILIES.

A bulb handler of long experience writes from Bermuda that it will be found that bulbs of the true Harrisii are scarce, while there are plenty of the hybrid stock. He reports that, while the acreage was increased little if any this year, the growing season has been a good one and the increase was twenty-five per cent greater than last year. The first shipment of bulbs reached New York July 14 and was an unusually heavy one, consisting of 2,470 cases. The Bermudian is due at New York again July 28 with practically the balance of the crop.

HOLLAND BULB CROPS.

The following crop report is by the correspondent of the Horticultural Trade Journal, written about July 5:

Continued fine and warm weather, intersected with a few, light showers, has marked the month of June, and with an unusual severe thunderstorm on the last day of the month, it may be said to have been the finest of the months we have so far experienced in the present year of 1905.

Bulb lifting is now in full progress, and in fact it may be said that most of the tulips are now out of the grounds causing thousands of hands to be busy at the cleaning and drying of them. As to the crop it must be confessed that this is not as good as was at first anticipated, in fact in many quarters the crop of tulips has turned out to be a very sad disappointment.

The hyacinth crop is now just being lifted, and although good in some quarters, generally speaking it is not likely to be more than only very middling. Nevertheless it is of considerable importance to know that we may expect well cured bulbs, that are sure to produce good flowers.

Crocus crops have not yet been lifted but will very probably be a rather poor and short one. White narcissi will not be lifted until about two weeks later, and promise to be a good crop.

SUGAR BEET SEED.

A little more than two years ago, says James Wilson, secretary of agriculture, in his annual report, the Department again took up the work of establishing sugar-beet seed culture in the United States, and since that time work has been going on in four representative sections of this country. Strains of pedigreed seed are being established in New York, Michigan, Utah and Washington State, while in Utah and Washington the industry is already assuming commercial importance.

In California also seed is being produced for local use. In Washington state 80,000 pounds of seed were produced in 1904, in Utah about 32,000 pounds and in California about 50,000 pounds, a total of 162,000 pounds. As rapidly as the Department can bring home to the sugar-beet factories the conviction that American-grown seed is as good and often better than the imported, these quantities will be increased, and it is a question of but a few years when the entire 5,000,000 pounds used in the United States will be produced at home.

Two years ago the Department imported all the sugar-beet seed that was distributed for experimental purposes, while during the 1904 season 14,000 pounds of American-grown seed were distributed by the Department to selected farmers for testing in comparison with imported seed furnished to them by the factories. The reports on the stand secured, which is generally indicative of the yield, show that the American seed gave almost without exception a greater and a stronger growth than the imported seed. In a number of instances those portions of fields which were sown with factory seed gave such a poor stand that they had either to be resown or abandoned, while the portions sown with American-grown seed gave good stands and in no case required replanting. The factories during 1904 bought 34,500 pounds of American-grown seed, and a number of these factories are now negotiating with the American growers for contracts to supply the seed they need.

LEONARD SEED CO. Flower Seeds and Bulbs — CHICAGO

ONION SETS. Our plantings for the new crop are about ready to harvest. We take orders now for delivery this fall or next spring. Write for Prices.

WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now. BEANS, PEAS AND GARDEN SEEDS. Write for Prices. TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write

NEW CROP SEED

Of my well-known

Christmas Sweet Peas

will be ready the first week in August next.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also CHRISTMAS RED and CHRISTMAS WHITE, (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator

Bound Brook, formerly Grand View, N. J.

Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

LILIES

Lilium Harrisii, Calla Lily, Lilium Longiflorum, Paper White Narcissus, Roman and Dutch Bulbs for summer and fall. Will quote you prices that will save you money.

D. RUSCONI, 32 W. 6th St., Cincinnati, O.

Mention The Review when you write.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII, LILIUM LONGIFLORUM, ROMAN HYACINTHS, PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

FISCHER'S Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER

GREAT NECK, - L. I., N. Y.

Mention The Review when you write.

NARCISSUS

Surplus stock. 50,000 strong, blooming bulbs. Fine for Decoration Day (grown north of Chicago). In four hardy sorts, double and single. 60c per 100; $5.00 per 1000.

F. A. BALLER, BLOOMINGTON, ILL.

Mention The Review when you write.

RAWSON'S Mid-Summer Catalogue

Hardy Perennial Seeds

Sent on Application.

W. W. RAWSON & CO., SEEDSMEN,

12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Queen Beatrice

CYCLAMEN Weigelt's Gigantic-Bloomed cultures, unexcelled in form and fertility. NEW CROP. WARRANTED.

4001, brilliant pink-carmine; 4002, glowing red; 4003, deep-dark red; 4004, brilliant pink; 4005, snow white; 4006, lilac colored; 4007, white with eye. Each shade, 100 seeds, 40c; 1000 seeds, $3 50; 10,000 seeds, $25.00. Splendid mixture of above kinds: 100 seeds, 30c; 1000 seeds, $2.50; 10 000 seeds, $23.75.

EXHIBITION FLOWERS

No. 605—Harvested exclusively from select, finely fringed elite flowers, brilliantly shaded, the best cyclamen of the world, 1 pkg., 25c; 100 seeds, $1.00; 1000 seeds, $8 75.

SALMONEUM

6016—Novelty of the first rank; salmon-pink to scarlet, considerably improved by us, 100 seeds, $1.00; 1000 seeds, $8.75.

ROCOCO

NEW! Produces blooms of up to 4 inches in diameter. The best novelty out: competing in color effects with orchids. 100 seeds, $1.75; 1000 seeds, $15.00.

SNOWFLAKES

NEW! Glossy like silk and pure white. The blooms are of gigantic size, covering the plant during the blooming season like big snowflakes. Best kind for wreaths. 100 seeds, $1.00; 1000 seeds $8.75.

To give our Cyclamen a trial is to become our steady customer. Catalogues free to any address.

WEIGELT & CO., Erfurt, Germany

Specialists in Seed Cultures.

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PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively unsurpassed in size and markings. **Satisfaction guaranteed or money refunded. New crop seed** in any quantity. **Special price** for trial package (1000 seeds), **75c**; trade packet, (2000 seeds), **$1.25.**

Write for special wholesale prices on larger quantities. Send your list of Fall Bulbs for **SPECIAL QUOTATIONS.**

Holmes Seed Co. Harrisburg, Pa. SEED

Mention The Review when you write.

RELIABLE SEEDS!

	1000 seeds	Trade Pkt.
Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed	$1.00	$0.50
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00	1.00
	Oz.	
Myosotis Alp. Robusta Grandiflora, true	$1.00	.25
Giant Pansies, unsurpassed quality. Special Cemetery mixture	2 50	.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassiers' Giant mixture, improved	4 00	.50
Trimardeau Elite mixture	2.50	.50
Stocks, Cut and Come Again, White	2 50	.50
Stocks, new Snow White Excelsior, very extra, with enormous spikes, best greenhouse variety	5 00	.50
Mignonette Triumph, new	6.00	.50

O. V. ZANGEN, HOBOKEN, N. J

ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains, new crop seed of these well known unrivaled Pansies, ready now, in trade packages at $1.00 each, either strain.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

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Exporters and Importers

12 West Broadway, New York

Horseshoe Brand. **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand.

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NEW Crop Flower Seeds

FOR AUGUST SOWING

Our strains of Cineraria, Calceolaria, Cyclamen, Primulas and Pansies are grown by renowned European Specialists and are absolutely unsurpassed in quality.

	Trade pkt.	Oz.
CINERARIA. English Prize Mixed (show varieties) ½ trade pkt., 50c; trade pkt., $1.00.		
CYCLAMEN PERSICUM GIGANTEUM. Mixed (show var.) 50 seeds, 40c; 100 seeds, 75c.		
DOUBLE DAISY (Bellis Perennis).		
Giant Snowball (pure white)	30c	$2 50
Longfellow (pink)	30c	2.50
Giant Mixed	30c	2.00
Choice German Mixed	25c	1.75
MIGNONETTE		
Defiance, long spikes, fragrant, best for cutting	15c	.50
Machet (True), dwarf, deep red, fine for pots	15c	.50
Golden Machet	15c	.50
MYOSOTIS (Forget-Me-Not).	Trade pkt.	Oz.
Alpestris Victoria, dwarf, sky blue	25c	$1.00
Alpestris, blue	15c	.40
Dissitiflora, large flowered, early	30c	2.00
Palustris, (True Forget-Me-Not)	30c	1.50
PRIMULA—Chinese Primrose. English Prize Fringed Mixed, unsurpassed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.		
Primula Forbesi (Baby Primrose)	40c	
Obconica Grandiflora	30c	
Stellata (Star Primrose)	50c	
PANSY—J. & S. Kingly Collection. Unquestionably the finest strain of Giant Pansy now offered to the trade, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00		5.00

SEE OUR PANSY OFFER IN LAST WEEK'S REVIEW.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

VALLEY PIPS

Best German forcing and forcing **LILACS, SPIRAEA CLUMPS**, in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

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LILIUM HARRISII

SELECTED HIGH GRADE BULBS. NOW READY FOR SHIPMENT.

Size	Prices per 100	Per 1000
5 to 7 inches	$4.00	$36 00
6 to 7 inches	4.75	42.50
7 to 9 inches	8.50	75.00
9 to 12 inches	18.00	160.00

Write for list of prices of other Bulbs, Plants, etc.

CURRIE BROS. CO.

MILWAUKEE, WIS.

Mention The Review when you write.

PANSY SEED

Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order. Plants ready September 1.

PETER BROWN

LANCASTER, PA.

Mention The Review when you write.



Freesia Refracta Alba

French Grown Bulbs, the pure white kind, now ready.

Giant Bulbs, picking from the crop, $2.00 per 100; $15.00 per 1000.

First shipment of

ROMANS AND PAPER WHITES

due to arrive next week.

Prices on all other Bulbs on application.

CLUCAS & BODDINGTON CO.

131 West 23d St., NEW YORK CITY.

Palisade Nurseries, SPARKILL, N. Y.

Importers, Exporters and Growers of SEEDS, BULBS and PLANTS.

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PROFIT PAYING Pansies

MICHELL'S GIANT PRIZE

Our **Giant Prize Pansies** are not to be compared with the ordinary Giant Trimardeau. The seed we offer will produce flowers of much heavier texture.

Michell's Giant Exhibition Mixed

A strain which we have secured from the leading Pansy Specialists in Germany and France, and cannot be excelled in size, texture and brilliant colors. Price per trade packet, 50c; per ⅛ oz., 75c; per oz., $5 00.

	Trade pkt.	Oz.
GIANT AZURE BLUE	40c	$2.00
GIANT BLACK BLUE	40c	2.00
GIANT HORTENSIA RED	40c	2 00
GIANT SNOW QUEEN	40c	2.00
GIANT WHITE, with Eye	40c	2.00
GIANT YELLOW, with Eye	40c	2.00

For complete list of Pansy and other seasonable seeds see our New Wholesale List. Send for a copy.

HENRY F. MICHELL CO.

Seed Growers and Importers,

1018 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Cyclamen Seed

FRESH CROP. Clean, Plump Seed

These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.

BAUR & SMITH

38th St. and Senate Ave., Indianapolis, Ind.

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Perrets' Pansy Seed

This strain of seed gave excellent satisfaction last year. Give it a trial, it will please you. **1 oz., $4.00; ¼-oz., $2.50: Trade pkt. (3000 seeds), $1 00; ½-pkt., 50 cents.**

Get our prices on fall bulbs.

HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

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High Grade VALLEY Ribbons and Supplies
The Wholesale Florist of Philadelphia
Open 7:30 a. m. to 6 p. m.
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THE CLEVELAND CUT FLOWER COMPANY,
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AGENTS FOR THE EVERLASTING GREENHOUSE TILE BENCH.
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PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
Mention The Review when you write.

INDIANAPOLIS.

On the afternoon of July 19 Mrs. ErnestHukriede took her own life by hanging while mentally weakened by the severe heat of the period. She was 66 years of age, a native of Germany, and had one son, Fred R., who is associated with his father in business. The funeral took place on Friday, July 21, and was attended by several of the craft, while many others sent floral pieces. Among these was a beautiful wreath from the State Florists' Association of Indiana, arranged by John Rieman. Mr. Hukriede and his family have the sympathy of all the craft in their sad bereavement.

A. B.

NEW ORLEANS.

Club Meeting.

The regular annual meeting of the New Orleans Horticultural Society took place Wednesday evening, July 19. Several reports of committees were heard. About the last outing, everybody reported having enjoyed it. On request of C. W. Eichling, discussion on the new funeral badges to be adopted by the society was laid over until some other time. J. Newsham, chairman of the next show, wanted to have some understanding about the prize money to be awarded to the members. It was decided that no money would be taken from the treasury for that purpose except after all expenses had been paid. The report of the treasurer showed a balance to the credit of the society of $707.25.

Fred L. Chopin was elected a member and also H. A. Despommier, who is not exactly new, as he was one of the old members, having left the society some years ago on account of bad health. Mr. Despommier, on being reinstated, made some remarks much to the credit of the society. He said that for a long time we could hardly get a new member to join us, but it seems now that at every meeting we have to pass on the admission of one or two more.

Next month the society is going to be twenty years old. On the advice of Chas. White, one of the pioneers of the organization, this anniversary will be celebrated by a banquet. A subscription was opened at once between the members and a nice sum was collected, enough to insure a good layout for August 24.

Then came the election of new officers. For the next twelve months the society will have for president, P. A. Chopin; vice-president, Justin St. Mard; secretary, C. R. Panther; treasurer, John Eblen. The choice of the new president was by acclamation. He is a young man, born and raised in the business, with good ambition, and no doubt the society will prosper with him at the head.

A letter was read from Chas. Eble, the Baronne street florist, who was then in Buffalo with his family. He sent to the society his best wishes for the occasion and we all expect to hear more from him on his return, when he will have visited our brother florists in Washington, Baltimore, Philadelphia and other places, where it is his intention to stop when coming back to New Orleans.

The S. A. F. Convention is close at hand and everyone is interested in knowing all about

What You Will Show

in the Trades' Display. Tell them about it in the next few issues of

The Review

Kentias
As good as can be grown.
JOSEPH HEACOCK, Wyncote, Pa.

J.B.BRAIDWOOD
Successor to Wm. Clark
WHOLESALE FLORIST
Colorado Springs, Colo.

Various Notes.

Going around a few florists lately, we found M. Cook & Son very busy with the remodeling of their greenhouses planted full with roses and chrysanthemums. Everything looks in tip top order and gives good promise for the opening of the fall flower season.

Business is about at a standstill, although some report a little better than usual at this time of the year. Asters did not do well this season. Abele Bros. report their chrysanthemums as far advanced as possible for the time.

H. Papworth is working day and night to have his fine range of 28x225 greenhouses erected in time for next fall.

M. M. L.

Smith's Chrysanthemum Manual sent by the Review on receipt of 25c.

CARNATIONS, KAISERINS and SWEET PEAS

The Philadelphia Cut Flower Co.

Store Closes 6 P. M. until Sept. 16. Saturdays at 1 P. M.

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Eugene Bernheimer WHOLESALE FLORIST 11 So. 16TH ST., PHILA.

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WHOLESALE FLORISTS,

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WM. DILGER, Manager.

Fancy Ferns, $1.00 per 1000.

Discount on regular shipments.

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The History and Culture OF GRAFTED ROSES For Forcing

BY ALEX. MONTGOMERY, JR.

"The most important contribution to the modern literature of the Rose."

"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."

Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.

FULLY ILLUSTRATED

PRICE, POSTPAID, 25c.

ADDRESS

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CHICAGO

Wholesale Cut Flower Prices.

Philadelphia, July 26.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2.00 to	8.00
Liberty, Select	6 00 to	10.00
" Ordinary	2 00 to	4.00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	8.00
Carnations, Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters, Select	1.50 to	2.00
" Common	.50 to	1.00
Orchids	15.00 to	25.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15 00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Daisies, yellow	.50 to	.75
Water Lilies		2.00
Pyrethrum per bunch 10c to 12½c.		
Harrisii Lilies, $1.00 to $1.50 per doz.		
Lilium Auratum .....$1.50 per doz.		
Gladioli	2.00 to	3.00

As long as we are in the business consider us a subscriber to your paper.—THADDEUS N. YATES & Co., Philadelphia.

WHEN I am in need of anything I always look for it in the REVIEW.—J. W. ALEXANDER, Charleston, W. Va.

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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"The Pronouncing Dictionary fills a long-felt want"

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CHAS. D. BALL,

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New York, July 21.

		Per 100
Beauties.	Specials	$10.00 to $20.00
"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	.50 to 2.00
Brides and Maids.	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Killarney		1.00 to 6.00
Orchids, Cattleyas		50.00 to 75.00
Carnations, Common		.25 to .50
"	Selects	.50 to .75
"	Fancies	.75 to 1.00
"	Novelties	1.00 to 2.00
Adiantum Cuneatum		50 to .75
"	Croweanum	.75 to 1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		6.00 to 10.00
Lilies		4.00 to 8.00
Lily of the Valley		.50 to 2.00
Smilax		6.00 to 8.00
Daisies		25 to .50
Mignonette		.25 to .50
Sweet Peas, doz. bun'es, 20c to 50c		
Gladioli		.50 to 3.00

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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
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Wholesale Cut Flower Prices.

Boston, July 26.

	Per 100
Beauties, Specials	$10.00 to $15.00
" Extra	4.00 to 8.00
" Short Stems	2.00 to 8.00
Brides, Specials	2.00 to 4.00
" Seconds	.50 to 1.00
Bridesmaids, Specials	2.00 to 5.00
" Seconds	.50 to 1.00
Carnots, Kaiserins	1.00 to 6.00
Liberty	1.00 to 8.00
Carnations, Special	1.00 to 1.25
" Select	.50 to .75
" Ordinary	.30 to .60
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 15.00
Adiantum	.75 to 1.00
Sweet Peas	.15 to .25
Gladioli	2.00 to 5.00

Buffalo, July 26.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	4.00 to 5.00

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58-60 Wabash Ave., CHICAGO

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Wholesale Cut Flower Prices.

Chicago, July 26.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	6.00 to	8 00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	2.00 to	4 00
Kaiserin	3.00 to	8.00
Chatenay	2.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2 00
Asters	1.00 to	2.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies		1.00
Sweet Peas	.25 to	.50
Daisies		.50
Gladioli	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns per 1000, $1.00 to $1.50		.20
Galax per 1000, 1.00 to 1.50		.15
Adiantum Cuneatum		.75
Smilax per doz., $1.50		

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Fresh Stock always ready for orders.
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A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

All flowers are perfectly fresh and properly packed.
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Wholesale Cut Flower Prices.

St. Louis, July 26.

		Per doz.
Beauties, Specials	$2.00 to	$2.50
" Extra	1.00 to	1.50
" Shorts	.50 to	.75
		Per 100
Brides and Maids, Specials	$3.00 to	$4.00
" " No 1	2.00 to	3.00
Golden Gate	3.00 to	4.00
Liberty	2.00 to	4.00
Kaiserin	3.00 to	5.00
Carnots	3.00 to	5.00
Carnations, Common		75
" Select	1.00 to	1.50
" Fancies	1.50 to	2.00
Adiantum		1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	2.00
Lily of the Valley	3.00 to	4.00
Smilax		15.00
Sweet Peas	.15 to	.25
Daisies	.25 to	.35
Cornflowers		.25
Tuberoses	4.00 to	5.00
Asters	1.50 to	2.00
Gladioli	3.00 to	4.00

Milwaukee, July 26.

		Per 100
Beauties, Extra		$25.00
" No. 1	$10.00 to	20.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, Best		6.00
" " Seconds	2.00 to	4.00
Golden Gate	4.00 to	6.00
Liberty	4.00 to	6.00
Perle	2.00 to	6.00
Chatenay	4.00 to	6.00
Carnations, Good		1.00
" Fancies		2.00
Asparagus Plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri, "	2.00 to	3.00
Longiflorums		10.00
Sweet Peas		.25
Daisies		.50
Smilax		20.00
Ferns		.25

Cleveland, July 26.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.50
" No. 1		2.00
" Shorts	$0.50 to	1.00
		Per 100
Brides and Bridesmaids	$2.00 to	$6.00
Kaiserin	4.00 to	8.00
Carnations	1.00 to	2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri, "	2.00 to	4.00
Smilax		20.00
Sweet Peas		.25

SALES from the advertisement in the REVIEW have been very satisfactory.—W. H. NEWMAN, Akron, N. Y.

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Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 & 112 E. 3rd St., Cincinnati, O.

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CONSIGNMENTS SOLICITED.

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Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, July 26.

		Per 100
Beauties, Extra	$20.00 to	$25.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	10.00
Brides and Maids, Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	6.00
Meteor	2.00 to	5.00
Perle and Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Select	1.25 to	2.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Lilium Longiflorum	6.00 to	10.00
Smilax	10.00 to	15.00
Lily of the Valley	3.00 to	4.00
Callas	5.00 to	10.00
Adiantum	.75 to	1.00
Stocks	2.00 to	3.00
Sweet Peas	.15 to	.50
Gladioli	3.00 to	5.00

Pittsburg, July 26.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" No. 1	5.00 to	8.00
" Shorts	2.00 to	3.00
Brides and Maids	1.00 to	5.00
Cusin	1.00 to	4.00
Kaiserins	2.00 to	12.00
Perle	2.00 to	4.00
Carnations	.75 to	2.00
Adiantum Croweanum	.75 to	1.25
Asparagus Plumosus, Strings	20.00 to	50.00
" Sprengeri, Sprays	2.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	10.00 to	15.00
Lilies	12.00 to	15.00
Sweet Peas	.15 to	.20
Asters	1.00 to	3.00
Gladioli	2.00 to	5.00

IT takes a large stock to stand an adv. running long in the REVIEW.—STOVER FLORAL CO., Grandville, Mich.

HERE is another dollar for the REVIEW; it is both profitable and interesting reading.—E. R. BESS, Canon City, Colo.

FERNS, ETC.

New crop, extra fine and hardy.

FANCY FERNS	Per 1000,	$1.00
DAGGER FERNS	" "	1.00
GREEN GALAX	" "	.60
LEUCOTHOE SPRAYS	" "	3.00

Twelve years experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

138 East 3rd St, Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street St. Louis

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DENVER.

The Market.

Trade conditions the past week were only fair and business has nearly reached its summer level, although a large funeral or two helped out to a large extent. The limited variety of stock is generally of good quality. Brides and Bridesmaids of good quality are not overabundant, but of inferior grades there is a sufficient quantity. The new crop of American Beauties is very good, both in bloom and stem, and has been called for more than any other rose, the supply being hardly equal to the demand.

Carnations are still plentiful and, for the season of warm weather, continue to be of fairly good quality, the White Lawson being perhaps better than any other variety; where quality is good $2 per hundred is the price.

Sweet peas are splendid in quality, but such a flood in quantity that were it not for using them up in decorations and funeral work they could never be disposed of. In price they go at wholesale from 10 to 20 cents per hundred. The retail rate is about on a basis of 50 cents per hundred in various-sized bunches. Quantities of Shasta daisies are seen and there has been a good sale for them. A few early asters are seen, but not in such quantity that prices are quotable.

Various Notes.

State Vice-President J. A. Valentine is drumming up the craft throughout the state, impressing the members with the benefits to be derived by attending the annual S. A. F. convention. His appeal may add a few to go to Washington.

Mr. and Mrs. J. A. Newby, of Logansport, Ind., spent a day in the city on their return from the Portland exposition.

Early closing commenced July 1 and will continue to September 1, the principal stores closing at 6:30 p. m. and at noon on Sunday. E. S. K.

GRAND RAPIDS, MICH.

The extreme rainy weather gave way for the wave from the torrid zone, making it so hot that inside planting operations had to be suspended for a time. Rose planting is well in hand; most have mums all benched, and the quantity planted is far in excess of last year. Some have their violets all in, but a method largely followed here by those who do not get time for early planting is to shift the 2-inch stock into 3-inch and 4-inch pots, which keeps the plants moving, thus making really better plants than field-grown stock. One noticeable fact is that not as many violets are being grown this season as last, that less Campbell are planted and more Marie Louise and Imperial. Of course there will be the usual quantity of singles, Princess of Wales and a few Dorsetts. The Campbell violet has seen its day and will soon be entirely discarded, as it is too light.

There will be practically no building this season, unless rebuilding hail-damaged structures and making necessary repairs. Eli Cross had intended to build a large carnation house, and had the glass bought, but has sold it all.

Miss Livingstone, one of Crabb & Hunter's office girls, is building a house about 10x75 feet and is going into violet growing. She intends doing all the work herself.

Cross and Crabb & Hunter are both planting carnations; stock is fine. Lawson will be the main pink in dark; Morning Glory in light pink. In white the honors will be divided as some like Peru best, others Flora Hill and Glacier, while Crabb & Hunter will make Boston Market their leader. When it comes to red, there is a wide diversity of opinion. Bruins Slot lost most of his Crane from stem rot and says he won't grow it any more. Henry Smith has old-time Garfield and Estelle. The Grand Rapids Floral Co. is not bothered so much with stem rot and still swears by Crane. Crabb & Hunter will have Crane and Crusader. All are trying Flamingo and Cardinal, but on a small scale. G. F. C.

In Ribbons for your decorations **Get the best.** The cost is low but they add 50 per cent in decorative value. We make only the best. **The Pine Tree Brands.**

WRITE TODAY FOR SAMPLES.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

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Brokers. Florists' Supplies.

FIRST-CLASS ACCOUNTS SOLICITED. If You Want to BUY or SELL CORRESPOND WITH US.

717 N. Fourth Street, ST. LOUIS, MO.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE

For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

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ROSES Novelties Forcing and Bedding varieties. Field-grown, strong and healthy.

PETER LAMBERT, Trier, Germany.

Mention The Review when you write

VAN DER WEIJDEN & CO.

THE NURSERIES, BOSKOOP, HOLLAND.

Wholesale Growers and Exporters of all kinds of Nursery and Florists' Stock. Hardy plants and shrubs for outdoor planting. Fine ornamental stock for landscape work. H. P. Roses, Crimson Ramblers, Climbing Plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices.

NO AGENTS. FOR THE TRADE ONLY.

A Daily Cut from 40 to 60 Growers

At the Sign of Success Trade Mark

ROSES, CARNATIONS, ORCHIDS, SWEET PEAS, VALLEY, GREENS, ETC.

Inside Chicago Market Quotations.

MOST COMPLETE LINE OF

FLORISTS' SUPPLIES

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45-49 Wabash Ave, CHICAGO.

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Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

CHAMPAIGN, ILL.—John Yeats has almost finished a new residence adjoining his greenhouses.

PHILADELPHIA, PA.—J. Stern has returned from his European trip and will be followed by a large line of supplies.

COLUMBUS, O.—Miss Gertrude Blair, decorator in the retail cut flower department of the Livingston Seed Co., is on a trip to Baltimore, after which she will visit her old home at Des Moines, Ia.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

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WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

J. J. Habermehl's Sons
Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.
1224 F Street, Northwest,
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Houghton & Clark
434 Boylston Street,
Boston, Mass.

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RETAIL ORDERS
FILLED BY THE
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The Park Floral Co.
J. A. VALENTINE, Pres. **DENVER, Colo.**

ATLANTA FLORAL CO.
41 Peachtree Street, **ATLANTA, GEORGIA**

L. I. NEFF, Florist, 218 6th St. **PITTSBURG, PA.**
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. **Galveston, Tex.**

FRED C. WEBER, FLORIST,
4326-28 Olive Street, **St. Louis, Mo.**
Established 1873.
Long Distance Phone Bell Lindell 676.

Your orders for
LOUISVILLE, KY.
will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

MILLS THE FLORIST
36 W. Forsyth Street,
Jacksonville, Florida

HUGH GRAHAM CO.
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
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Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

Alexander McConnell
546 FIFTH AVENUE
Cor. 45th St., N. W.
NEW YORK CITY
Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.
Telephone Calls: 340 and 341 38th Street
Cable Address: ALEXCONNELL.
WESTERN UNION CODE

David Clarke's Sons
2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

ATLANTIC CITY, N. J.
ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144X. 104 So. Carolina Ave.

C. C. Pollworth Co.
WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS Near the Waldorf-Astoria
7 E. 33rd St., New York City.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

ALL readers, on the Pacific coast especially, will be interested in the pictures and description of the Lewis and Clark exposition at Portland, which appear on other pages of this issue.

PORTLAND, ORE.—There have been very few trade visitors here thus far but we expect that they will come in battalions in August and September. Trade has continued good. H. J. Millatt, with Clarke Bros., is at San Francisco for two weeks' rest.

SEATTLE, WASH.

Flower Show Plan.

At the last meeting of the Seattle Florists' Association a proposition was presented by some of our blooded members to form a stock company to run the flower show this fall. In detail the proposition is as follows: One hundred shares to be issued at $5 per share. On the first call members of the club can buy to the limit of five shares each. On second call, if all the shares are not taken, members can buy more and persons outside the society can buy until the full 100 shares are taken up. The stock company is to pay all expenses of the show and to receive fifty per cent of the profits. The proposition brought forth some fierce discussion on watered stock, etc., and was finally laid over until the next meeting. W. S. Duncan was elected an active member and C. W. Howard, of the California Rose Co., an honorary member.

Various Jottings.

While the people are sweltering with the heat in the eastern states, with the thermometer up in the nineties, the people of Seattle are snuggling under the blankets at night and calling for more covers. We wish we could send you a sample of our summer weather.

Business in the flower stores is away above the summer average. Carnations are still very good and Bonnell is sending in magnificent long-stemmed Bunners and Jacqs.

The city is crowded with visitors going and coming from the fair at Portland, a sprinkling of florists among them.

John Holze, of the Queen City Floral Co., is visiting the fair at Portland.

Mrs. Farringdon, of Victoria, B. C., was in the city this week. She does a heavy shipping business with Seattle.

A lady customer in one of the stores asked: "Have you any nice little umbrella plants?" "Oh, yes, madam, we have some good ones in 4-inch pots at two bits each." "Just the thing, I want one for my cat to eat. You know we live in a flat."

A. B.

SAN FRANCISCO.

The Market.

The thermometer has averaged 52 degrees for the past week and stock is again of better color. Business is fair for the season. Plenty of funeral orders have the effect of using up large quantities of white stuff. Prices are about the same as they have been for the past two weeks. Asters are commencing to come in and from appearances there will be a heavy crop later on. Golden rod is in considerable demand for decorative purposes and much of it is being shipped in from the country districts hereabouts.

Various Notes.

Thomas Lee, gardener at Hotel del Monte, Monterey, will plant heavily of roses for the coming season.

William Clarke, of Clarke Bros., who has charge of the Fruitvale branch of the firm's business, has departed on a month's trip to Portland.

The Cox Seed Co. reports a heavy list of orders for imported bulbs to be delivered this fall. This firm has established a large trade in this branch with the coast planters.

Malcom Lamond, superintendent of public parks for the city of Oakland, has outlined a system of extensive improvements to be effected this coming winter and spring.

The park commissioners of this city have denied the increase of wages asked for by the gardeners employed in Golden Gate park.

Podesta & Baldocchi are showing some extra fine Beauties for midsummer flowers from the greenhouses of Ferrari Bros.

Mr. and Mrs. J. G. Lemmon, the well known botanists, have departed on a several months' tour of investigation through the valleys of New Mexico and Arizona. They will keep a sharp lookout for anything new in the line of cacti or other desert plants of which Professor Lemmon has made a life study.

Frank Huston, of Dieterich & Huston, of Los Angeles, is in town on a visit.

Frank Shibeley has closed up his Sutter street store and removed his florists' business to 1203 Polk street, near Sutter.

G.

THF JAPANESE QUESTION.

What the Agitation is About.

Easterners, unless they have been residents for a considerable time in California and within recent years, can have no definite ideas of the harm that is now being done to horticulture and horticulturists on the Pacific coast by Japanese gardeners. This was not so noticeable until within the last three or four years, and in that time not less than fifty commercial places have sprung up as if by magic, containing all the way from 5,000 to 100,000 feet of glass and employing in various capacities all the way from five to fifty men. This may not at first strike the reader as anything to be alarmed at until it is taken into consideration that in Alameda county, whence come probably half the supplies used by the San Francisco stores, not less than fifty per cent of the output is grown and marketed exclusively by Japanese. When such a condition has been brought about within less than five years it is high time that the matter be brought to the attention of the trade in general. In San Francisco there have been several meetings of the growers and in a short time plans will be announced in regard to what is best to be done.

HANNAH HOBART THE PRIDE OF CALIFORNIA

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: **"When will the Hannah Hobart be for sale?"** This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906.

Send your orders in early because they will be filled strictly in rotation. **Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.**

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

ALEX MANN, Jr.

Importer and Dealer in

Florists' Supplies

AND CUT FLOWERS AT WHOLESALE

1441 POLK STREET

Tel. East 641 SAN FRANCISCO

Mention The Review when you write.

Danger from Japanese Competition.

It is useless for me to waste any time as to the chance the white man has when in direct competition with the Japanese. Born and raised in a country where 5 cents a day is the wage earned by the gardener, they have, through centuries of existing in a condition bordering on actual starvation, reached a stage where they can live in ease where their white brother would speedily succumb. The same method of living having been adopted by them when in California makes them doubly dangerous as a business competitor.

The Japanese come here merely to get together enough money to go home to Japan with and live there the balance of their lives. They do not become citizens or amalgamate with the white races; they bring nothing with them into the country, take the place of white labor by offering to work cheaper, live almost entirely on foodstuffs shipped here from Japan, and when they have money enough they return home. Thus it can be seen that they produce nothing but what they carry from the country with them. In several other lines of business in California they have, by adopting the same tactics, completely displaced the whites, and herein lies the danger that at present confronts us.

Wages and Living Expenses.

Whatever may be the ruling rate of wages paid in grower's establishments, the Japanese always works a little cheaper. The Japanese growers pay their help from $15 to $20 per month and board, whereas the ruling wages for the same class of work in places owned by whites averages from $30 to $40 and board. It is a curious fact that the Japanese will work for his countrymen $5 a month cheaper than he will for any one else, and it is a gratifying fact that there are but few establishments besides the Japanese which now hire any Japanese gardeners. It costs them, when boarding themselves, about $5 to $6 per month for food. They live almost entirely on salt fish and rice and seem to care very little for American dishes.

(To be Continued.)

CALLA BULBS

In Boxes Waiting Your Order.

25 cases, 3 inches diameter, 250 bulbs in case, $17.50 per case
40 " 2½ " " " 15.00 "
62 " 2 " " " 11.00 "
30 " 1½ " " " 8.00 "

ELLIOTT'S LITTLE GEM Calla Dormant Bulbs, $1.20 per 100; $10.00 per 1000.

ASPARAGUS PL. NANUS, strong, 3-in., $25.00 per 1000.

Freight prepaid on above prices. **CASH.**

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

CALLA BULBS

READY AUGUST 1st.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

F. O. B. Niles, California.

CALIFORNIA NURSERY CO., Niles, Cal.

Mention The Review when you write.

FREESIAS

READY FOR DELIVERY—Fine stock in any quantity, up to ½ inch. Grand Duchess Oxalis, pink, white and lavender. Amaryllis Johnsonii and Belladona, Chlidanthus fragrans.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2 00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3 00
Pansy, California Giants, mixed, ⅛ ounce, 2.00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.

You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Queen Beatrice

BAY CITY, MICH.—Boehringer Bros. are rebuilding several of their houses.

CHIPPEWA FALLS, WIS.—F. S. Wiegand is preparing to add two large greenhouses to his establishment, affording much needed room for increasing business.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

THE cottony scale is very prevalent on trees in the northern section of Chicago.

GROWERS are taking increased interest in the plum seedlings of the northwest.

THE Muskegon Nursery Co., Muskegon, Mich., will begin budding 75,000 peach trees August 1.

PETERSON NURSERY, Chicago, reports a remarkable growing season for all stock. B. E. Gage is visiting Boston and New York.

C. S. HARRISON, horticulturist and author, is now at work on a book entitled The Evergreens, a companion volume for his Peony Manual and The Goldmine in the Front Yard.

E. Y. TEAS has for several years been planting hedges of Spiræa Van Houteii and recommending it as superior to California privet on account of greater hardiness and greater beauty when in bloom.

JOHN CRAIG, secretary of the American Pomological Society, sends out the following: "In deference to many requests and suggestions, coupled with the difficulty of securing the speakers desired for an August meeting, the convention has been postponed till September 19 to 21, 1905. It will occur, therefore, at the Coates House, Kansas City, the place first announced, and under the same auspices. This change assures a good attendance, a good fruit exhibit, a cool, pleasant temperature, and an excellent program."

THE SEASON IN KANSAS.

A. L. Brooke, North Topeka, Kas., writes of conditions in the seedling-growing district, as follows:

"The present season has been a peculiar one throughout. All kinds of predictions were made for Kansas in the early spring, none of which hit the mark anyways closely.

"Late frosts ruined the fine prospects for fruit of nearly all kinds, except the small fruits. Cherries produced less than half a crop. Apples will be even worse. Early apples are selling now to the retailers for $1 per bushel. Winter apples are dropping badly and by picking time there will be very few left for the market.

"The farm prospects were never better for a large yield of all products. Early corn is shooting now and the later corn is coming on with a rapid pace. Not for years have there been such prospects. A few more rains and the corn crop of Kansas will doubtless excel any crop she has ever raised. Wheat is all in the shock or already threshed. The quality is good and the yield is better than for several years here in the Kaw valley.

"If the other conditions were right the farmer would be in shape to buy largely of nursery stock. He has the money. He has not received any money from his orchard for several years. As a rule he does not look beyond the immediate into the future. He prefers to plant more wheat and corn and sell more hogs and not depend on the orchard. Kansas has an apple crop due her but it has been due so long that she will soon be known as an uncertain locality for apples. The Arkansas valley around and above Hutchinson had the apple crop last year and we understand they will be favored again this year.

"As a center for the raising of apple seedlings this is, perhaps, nothing different from other years. As usual, Topeka, with her surrounding towns, will have the large part of the apple seedlings of the United States. We are getting on our feet again after the flood of 1903 and have nothing to complain about."

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

YOU CAN PLANT AT ANY TIME

Hardy Roses from 4 and 5-in. pots, fine, strong plants—Crimson and Yellow Rambler, Gen. Jac., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c. Large flowered Clematis, finest—purple, white, lavender, pink sorts, 4 and 5-inch, 18c; 1-year, from 3-in., 9c. Clematis Paniculata, from 3½-in. at 10c. Ampelopsis Veitchii, from 4-inch, 12c. Hardy Phlox, finest named, 4-inch, 10c. Golden Glow, 4-in., 10c. Packing free for cash. W. H. Salter, Rochester, N. Y.
Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

Queen Beatrice

PEONIES A large collection of the very finest varieties, including in the officinalis class the gem of all, Tenuifolia, or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.
Write for prices. F. A. BALLER, Bloomington, Ill.
Mention The Review when you write.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season.
E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
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W. & T. SMITH COMPANY

GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
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EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
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THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

Roses!

	Per 100	1000
Am. Beauty, 3½-inch	$ 6 00	$ 50 00
Max von Herresdorfer, 3½-inch	5 00	40 00
Ideal, 3½-inch	5 00	40 00
Rosalind Orr English, 3½-inch	25 00	200 00
La Detroit, 3½-inch	6 00	50 00
Bridesmaid, 3-inch	4 00	35 00
Am. Beauty, 2½-inch	5 00	40 00
Wm. Askew, 2½-inch	5 00	40 00
Sunrise, 2½-inch	4 00	35 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG

51 Wabash Ave.

Telephone 2846 Central. **Chicago**

Mention The Review when you write.

Carnations FIELD GROWN

2000 The Belle	$10.00	per 100;	$95 00 per 1000
2000 Flamingo	8.00	"	75.00 "
1200 Mrs. Patten	8 00	"	75 00 "
1500 Nelson Fisher	8.00	"	75 00 "
1000 Boston Market	6.00	"	55.00 "
1000 Mrs. Nelson	6 00	"	55 00 "
1800 White Cloud	6.00	"	55 00 "

CHRYSANTHEMUMS

Ben Wells, Et. Bonnefond, Millicent Richardson, Wm. Duckham, Kimberly, Thirkell, White Bonnaffon, Col. Appleton C. H. Diedereich, F. S. Vallis, Dalskov, Mrs. Coombes, Mrs. T. W. Pockett Ivory, Boccace, Col. Rowell, C. J. Salter, White Maud Dean, Mounier, Fee du Champsaur, 2-in., $3.00 per 100.

ROSE PLANTS.

750 3-in. Brides, 900 3-in. Bridesmaids, $4.50 per 100; $40.00 per 1000. **Cash or C. O. D.**

W. J. & M. S. VESEY, Fort Wayne, Ind.

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ROSES! ROSES!

LOWEST PRICES EVER MADE.

STRICTLY FINE STOCK.	100	1000
Brides, Maids, Meteors, strong, 3-in.	$3.00	$25 00
Golden Gate, extra good, 3-in.	4.00	35.00
Brides, Meteors, Hermosa, 2½-in.	2.00	20.00

FIELD CARNATIONS READY. Lawson, Joost, Norway, Prosperity, Crane and Armazindy at $5.00 per 100; $45.00 per 1000.

W. H. GULLETT & SONS, LINCOLN, ILL.

Mention The Review when you write.

Queen Beatrice

THE REVIEW is a "bang-up" good paper.—JOS. W. FIELD, JR., Northfield, Mass.

I DO all my buying from the advertisements in the REVIEW.—J. G. ANGEL, Neosho, Mo.

THE REVIEW is certainly the paper of all papers for florists.—CHAS. PFEIFFER, Sedalia, Mo.

WE esteem the REVIEW very highly for its Seed Trade News.—BINGHAMTON SEED CO., Binghamton, N. Y.

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

Mums and Roses CHEAP To Make Room

The following list of Mums at $1.50 per 100 or $12.50 per 1000 in assortment. Terms Cash with order. Money Order or Bank Draft.

LIST OF MUMS, 2-inch.

Harry A. Parr	Mme. Payne	Puritan	Marion Henderson
Mrs. Jerome Jones	Ysnariva	Lady Fitzwygram	Estelle
Pink Elkahorn	Ville de Bordeaux	Belle of Castlewood	Adele
Lavender Queen	Willowbrook	Mrs. E. Buettner	Pink Ivory
Violet Rose	R. E. Richardson	Monrovia	Mrs. S. T. Murdock
Monarch of Ostrich Plumes	Glory of the Pacific	Kentucky	Good Gracious
Mrs. J. G. Whilldin	R. D. Carte	White Queen	Mrs. Governor Fifer
Evangeline	Dr. W. A. Wakely	Capt. Gridley	Vicar of Leatherhead
Mrs. H. McK. Twombly	Lady Harriott	Calvats of 99	Mary Hill
Achillea	R. H. Pearson	Eda Prass	Shawmut
	Katherine Loheman	Kate Brown	Mrs. J. J. Glessner

The following at $2.00 per 100.

Wm. Duckham	Malcolm Lamond	Le Springo	Mrs. F. J. Taggart
Timothy Eaton	Mrs. Perrin	Black Beauty	Baden Powell
Shilowa			

ROSES, 2-inch.

The following list at $15.00 per 1000. No less than 500 at this price.

Cornelia Cook	Mary Washington	Catherine Mermet	Marie Van Houtte
Mme. Margottin	Baltimore Belle	Clothilde Soupert	Marie Guillot
Snowflake	Yellow Rambler	White Niel	Pink Maman Cochet
White Rambler	Pink Rambler	Mlle. F. Kruger	White Maman Cochet

The following at $2.00 per 100; $17.50 per 1000.

Kaiserin Augusta Victoria	Pink La France	Bride	Bridesmaid
	Crimson Rambler		

Will exchange a part for Boston or Piersoni Ferns. State what you have to offer.

THE REESER FLORAL CO., - Urbana, Ohio.

Mention The Review when you write.

Violets

Marie Louise and Lady Campbell, from 2-inch pots, $2.50 per 100; $20.00 per 1000. Field-grown Violet plants, Princess of Wales and Dorsett, singles, $6.00 per 100; $50.00 per 1000.

CARNATION PLANTS

FIELD-GROWN

Lawson	$5.00 per 100;	$45.00 per 1000
Enchantress	7.00 per 100;	60.00 per 1000
Glacier	5.00 per 100;	45 00 per 1000
Peru	4.00 per 100;	85.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

BENCH PLANTS

One year old, cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3.50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., CHICAGO

Mention The Review when you write.

1000 QUEEN LOUISE

Carnation plants, $4.00 per 100.

10,000 Lady Campbell

Violet plants, $4.00 per 100; $35 00 per 1000. **These are fine, large, healthy plants.** Cash or C. O. D.

ARTHUR COOMBS,

246 Main St. NEW BRITAIN, CONN.

Mention The Review when you write.

Fine, Clean, Healthy, 4-inch

Golden Gate Roses

$5.00 per 100; $40.00 per 1000. Will exchange for Palms and Ferns.

JOHN FALLON, STAUNTON, VA.

Rose Plants

OWN ROOTS Per 100

500 Perle des Jardin, 3-inch, $6.00
300 Mildred Ware, 3-inch, - 8.00

GRAFTED

400 Mme. Hoste, 3-inch - 8.00
300 Mme. Cusin, 3-inch - - 8.00

John Breitmeyer's Sons, DETROIT, MICH.

Mention The Review when you write.

ROSES

Bargain Prices while they last.

	2¼-inch Per 1000	3-inch Per 1000
BRIDES	$20.00	$30.00
BRIDESMAIDS	20.00	30.00
METEORS	20.00	30.00

The above stock is thoroughly first-class and well rooted and ready for planting.

Lake View Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

Helen Goddard

The coming commercial pink carnation, rooted cuttings ready Jan. 1, 1906, $10 00 per 100; $75.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

ROSES! ROSES!

KAISERINS	in 2 and 3-inch rose pots
WOOTTONS	in 2 and 3-inch rose pots
PERLES	in 2-inch rose pots
LA DETROIT	in 2 and 3-inch rose pots

As well as other varieties.

Special—UNCLE JOHN and CHATENAY. Order a 100 of each for trial.

GEO. A. KUHL, PEKIN, ILL.

Always mention the Florists' Review when writing advertisers.

CINCINNATI.

The Market.

There is an active demand for stock but very little of the goods with which to supply it. Roses are very scarce and what few do come in are of the worst. Carnations are in heaviest supply and some of them are of fair quality. They sell out fast. Some nice gladioli are to be had. Asters are scarce, as also are sweet peas. Green goods are equal to the demand.

Various Notes.

We are sorry to state that the Chicago delegation to the S. A. F. convention will not come through this city. It is decided that the St. Louis, Indianapolis and Louisville delegations will join the boys of this city and proceed to Washington via the B. & O., leaving this city on the noon train of August 14. It is hard to estimate how many will go, but as the time draws nearer more and more of the craft get enthusiastic and resolve to join the crowd. E. G. Gillett, who was appointed by the Florists' Society to look after transportation, reports everything in shape.

Mr. and Mrs. J. T. Conger have just returned from a visit to Bass Lake, Ind. Mr. Conger spent most of the time fishing and reports a large catch.

Nick Weber will leave the first of the week for a visit to Chicago and the places on Lake Michigan.

The full schedule of prizes offered for cut flowers and plants by the Oakley Fair Association is now out and can be obtained by applying to the secretary. The prizes are well worth trying for.

C. J. Ohmer.

Media, Pa.—Those of the trade who knew John Y. Madill will regret to know of his death.

Winnipeg, Man.—Ormiston & Griffiths who bought the greenhouse and business of H. E. Philpott after he sold his real estate, are removing the houses to a new location. The store is to be a handsome one and on a fine business site.

Queen Beatrice

Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,

ADRIAN, MICH.

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MUMS

New and standard varieties. Fine plants now ready, 2½-inch pots. Write for list and prices.

H. WEBER & SONS

OAKLAND, MD.

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60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

MAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

SMILAX

2½-inch pots, $1.50 per 100; $12.50 per 1000.

J. L. DILLON, Bloomsburg, Pa.

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ROSES! STEVIAS!

ROSES.

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Am. Beauties.	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John...	4.00	35.00	5.00	45.00

	2½-in. stock. Per 100	2½-in. stock. Per 1000	3½-in. stock. Per 100	3½-in. stock. Per 1000
Golden Gates..	$2.50	$20.00	$4.50	$40.00
Bridesmaids..	3.50	30.00	5.00	45.00
Brides.....			5.00	
Sunrise.....			5.00	

STEVIA.

Rooted Cuttings, per 100	$1.50	2½-inch, per 100	$2.50
Rooted Cuttings, per 1000	12.50	2½-inch, per 1000	22.50

Headquarters for FINEST CUT ROSES, CARNATIONS, ETC.

Every order has our personal attention and satisfaction is guaranteed.
Orders for less than $2.00 not accepted.

POEHLMANN BROS. CO., - MORTON GROVE, ILL.

Cut Flower Salesroom, 35-37 Randolph St., CHICAGO.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

CARNATIONS OUR SPECIALTY

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Robt. C. Pye,

Carnation Grower

NYACK, N. Y.

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ORCHIDS

Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

GOLDEN GATE ROSES

Fine, healthy plants out of 3-inch pots, $3.00 per 100; $25.00 per 1000. Cash with order please.

PATERSON ROSE CO., PATERSON, N. J.

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BRIDES AND MAIDS

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace { $ 2.00 per doz. 12.00 per 100 100.00 per 1000

Dissemination 1906. Early. Commercial.

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

Mention The Review when you write.

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3.00 per doz.; $25.00 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	8½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	10	46-50	7-8	$7.50		
Kentia Forsteriana	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	8				1.00	7.00
" "	8½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	8				2.50	
Pandanus Utilis	8				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18.00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
Dracaena Fragrans	4				3.00	
" "	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "	"			5.00
Japanese Fern Balls, in leaf					4.00	

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10, $4.00 per 1000.

CHARLES S. DUTTON,
85 W. 12th St. Holland, Mich.

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CYCLAMEN

Per 100

2-in. Cyclamen, in 5 separate colors.....$4.00

Asparagus Sprengeri seedlings, 60c per 100; $5 00 per 1000.

Pansy Seed for florists extra fine imported strains, ½ oz., $2.50: 1 oz., $5.00.

D. U. Augspurger & Sons, P.O. Box 775 **Peoria, Ill.**

CYCLAMEN GIGANTEUM

large flowering, extra fine plants, ready to shift, 3-inch, $5 00 per 100.

Chinese Primroses, 2¼-inch.....$2.00 per 100
Asparagus Sprengeri, 2¼-inch... 1.50 per 100

Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30.00 per 1000. Strong plants ready for immediate planting.

Brides, Maids, Kaiserins,
Strong, 3-inch, $6.00 per 100.

CHAS. E. MEEHAN, Slocum and Musgrove Sts., Germantown, Phila., Pa.

SPRENGERI

2-in., $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

SCARLET SAGE,

From 2-inch pots.....$2.00 per 100

Dwarf Sweet Alyssum, 2-inch pots	2.00	"
Verbenas, 2-inch pots	2.00	"
Vinca Variegata, 2-inch pots	2 00	"
Cuphea, (Cigar Plant), 2-inch pots	2.00	"

Also Asters, Cannas, Candytuft, Mums Smilax, Cryptomerias, etc.

E. I. Rawlings, Quakertown, Pa.

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50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus, 2-inch, $2.00 per 100
" " " 3-inch, 3.00 "
" " " 3½-inch, 4.00 "
" " " 4-inch, 5.00 "

Express prepaid at above prices. Cash, please.
10 per cent off on lots of 250 and over.

Wm. Linfoot, 317 N. Vermilion St., Danville, Ill.

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FERNS

FOR FERN DISHES

from 2¼-inch pots, very fine assortment, $3.00 per 100. Ferns ready for potting, $1.00 and $1.50 per 100.

DRACAENA TERMINALIS
2¼-inch pots, $10.00 per 100.

ASPARAGUS PLUMOSUS
very fine plants, 4½-inch pots, $20.00 per 100.

GARDENIA VEITCHII, from 3½-inch pots, selected plants, $20.00 per 100 Smaller plants, $15 00 per 100. Cash with order, please.

Anton Schultheis, College Point, L. I., N. Y.

Mention The Review when you write.

VIOLETS.

Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better. Only $2.00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.

GEO. T. SCHUNEMAN, Baldwins, L. I, N. Y.

Mention The Review when you write.

5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times. Send for sample. $15.00 per 1000, $2.00 per 100. 500 at 1000 rate.

THOMAS H. PATERSON,
278 Old York Road, BALTIMORE, MD.

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SURPLUS STOCK

Order Quick
Satisfaction Guaranteed

20,000 SMILAX

Extra strong plants from 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

6000 GERANIUM BRUANT

The very best scarlet bedder. Fine plants from 2½-inch pots, $1.50 per 100; $14.00 per 1000.

ASP. PLUMOSUS NANUS

Strong 2-inch plants, $2 00 per 100; $18.00 per 1000.

ASPARAGUS SPRENGERI

Extra strong seedlings, as good as average 2-inch, 60c per 100; $5.00 per 1000. CASH.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

BEGONIA VERNON

2¼-inch pots, $2.50 per 100. Per 100

COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

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WINDOW GLASS ADVANCING.

A New York report is that an almost unprecedented demand for all sizes and thicknesses of window glass now prevails in the principal markets throughout the country. After postponing the placing of their contracts for several weeks beyond the usual time in the belief that they could thereby secure lower prices, most of the largest consumers are now hastening to fill requirements. As the market had already started on an upward course before this great demand began, most consumers are now being compelled to pay forty to fifty per cent more for their goods than they would have had to pay six months ago.

The American Window Glass Co., which is the only manufacturing concern now operating its factories, finds itself unable to supply more than one-quarter of the orders for machine-made glass which are pouring in upon it. The other manufacturers discover that their stocks are greatly depleted and that, unless they can resume operations early in the fall, the demand will be far in excess of the supply.

It is generally expected that high prices will prevail throughout the remainder of the year.

CLIMBING FERN.

I note in the Review of July 13, the comment of W. H. Taplin on the climbing fern sent as Lygodium scandens but which he thinks more likely to be L. Japonicum. I have grown a climbing fern which I have known as L. scandens and have used it for many years here at New Orleans and have found it so very useful for decorating that I have worked up quite a stock of it. With us it is quite a rapid grower. J. H. Menard.

Keokuk, Ia.—R. G. Schlotter has removed his store to a better room at 416 Main street.

Clearfield, Pa.—Wm. Blacker has just completed four large greenhouses and has commenced planting. He will grow roses and carnations.

Queen Beatrice

PALMS, FERNS
and all
Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

HEADQUARTERS FOR
Palms, Orchids, Bay Trees
Julius Roehrs Co., Rutherford, N. J.
Mention The Review when you write.

Geraniums

Now ready. Good stocky plants from 2-in. pots.

Alph. Ricard	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Beaute Poitevine	2.00 "	La Favorite	2.00 "	Mme. Landry	2.00 "
Bertha de Presilly	4.00 "	La Pilote	2.00 "	Mar. de Castellane	3.00 "
Bruanti	2.00 "	Le Cid	2.00 "	Mar. de Montmort	2.00 "
Centaure	2.00 "	M. Jolly de Bammeville	4.00 "	Miss F. Perkins	2.00 "
E. H. Trego	5.00 "	Mme. Charlotte	2.00 "	S. A. Nutt	2.00 "
Gloire de France	2.00 "			Thos. Meehan	3.00 "

We will send 1000 (50 each) of the above varieties for $20.00.

TELEGRAPH GERANIUM, $1.00 per doz.; $6.00 per 100.

Hardy Chrysanthemums

Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.

A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. White Marsh is at Cowenton Station, Philadelphia division B. & O. R. R., 12 miles north of Baltimore. Come and see us. Write us and we will tell you about trains, etc.

R. VINCENT, JR. & SON, WHITE MARSH, MARYLAND

PRIMROSES

Chinese Obconica and Forbesi. $2.00 per 100. Cash or C. O. D.
CINERARIA, ready Sept., $2.00 per 100.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $2.00 per 100.
Pansy Seed, large flowering, oz., $4.00.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son
WHITMAN, MASS.
Mention The Review when you write.

Gerbera Jamesoni

I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3.00 per dozen.

CHARLES H. TOTTY, MADISON, N. J.
Mention The Review when you write.

Asparagus Pl. Nanus

Seedlings from flats, ready for 2½-in. pots, $12.00 per 1000. Asparagus Sprengeri, $10.00 per 1000. Cash with order, prepaid.

Large field-grown Asp. Pl. Nanus, fine for benching and will give great satisfaction, $40.00 per 1000; 5000 at $35.00 per 1000. Not prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.
Mention The Review when you write.

PRIMULAS

Primula Buttercup, 2-inch, $3.00 per 100.
Primula Obconica Grandiflora, 3-inch, $6.00 per 100.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.
Mention The Review when you write.

Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

5¼-in. pots, 10 to 12 in. high, 2 years old, 50c each.
5½-in. pots, 12 to 14 inches high, 60c each.
6-in. pots, 14 to 16 inches high, 75c each.
6¼-in. pots, 16 to 20 inches high, $1.00 each.

Araucaria Compacta Robusta, unusually large, very beautiful, $1.25, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca $1.00, $1.25, $1.50 ea.

Kentia Forsteriana, 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c. **Belmoreana**, 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica, imported, 4-in. pots, 25c., 5 and 5½ in., 35c. and 40c. each.

Adiantum Cuneatum, (Maiden hair fern) 4-inch pots, very strong, at the rate of 12c.

Asparagus Plumosus Nanus, 2-inch pots, ready for 3-inch, $5.00 per 100.

Cocos Weddelliana, 3-in., 15c. By doz. or 100.

Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each.

Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,
Importer and Wholesale Grower of
POT PLANTS.
1012 Ontario St., PHILADELPHIA, PA.

Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
2000 lbs. (ton)			$30.00

BLOOD AND BONE Samples and **guaranteed analysis** furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs....$2.00 200 lbs....$4.00 500 lbs....$9.00 1000 lbs....$16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

100 lbs....$1.50 500 lbs....$5.00 2000 lbs. (ton) $16.50

Samples and guaranteed analysis sent on request.

E. H. HUNT, 76 Wabash Avenue, CHICAGO

Mention The Review when you write.

Smilax Plants

Fine, stocky, cool-grown from 2-inch pots, $2.50 per 100.

Telegraph and Telephone messages promptly attended to at all hours.

UNITED STATES CUT FLOWER CO.
ELMIRA, N. Y.

Mention The Review when you write.

Asparagus Sprengeri

3-year-old, 6-inch pots, bushy, $7.00 per 100.

ALYSSUM DOUBLE GIANT

2½-inch pots, bushy, $2.00 per 100.

G. W. RENARD, Avondale, Pa.

Mention The Review when you write.

DAHLIAS

One Hundred and Thirty Acres

ROOTS AND BLOOMS in any quantity

L. K. PEACOCK, Inc., Atco, N. J.

Mention The Review when you write.

LUDVIC MOSBAEK, Onarga, Ill.

30,000 Asparagus Plumosus Nanus and Sprengeri, 3-inch, $6; 4-inch, $10; 2¼ inch, $2.50 per 100.
5,000 Smilax, 2¼-inch, $1.50 per 100.
Bedding plants, list mailed.
Pansy plants in bloom and seedlings.
Pansy seed, Florists' Intern., ⅛ oz., $1; oz., $7.
Pansy seed, Giant mixed, ⅛ oz., 65c; oz., $1.
5,000,000 Celery plants, 1000, $1.00; transplanted, 1000, $2.00. List mailed.

Mention The Review when you write.

S. S. SKIDELSKY,

824 North 24th St.,
PHILADELPHIA.
CORRESPONDENCE SOLICITED.

Mention The Review when you write.

C. R. HILLS, Grand Rapids, Mich.

La Detroit, Chatenay and Sunrise, 3-in.,	$5.00 100	Christmas Peppers, 2¼-in.	$2.00 100
Asparagus Plumosus Nanus, fine strong plants, 3-in.	5.00 "	Forget-Me-Nots, field clumps	4.00 "
Primulas, all var., about Aug. 10, 2¼-in.	2.00 "	Aquilegias, assorted varieties, 2¼-in.	2.00 "
Cinerarias about Aug. 15, 2¼-in.	2.00 "	Antirrhinum, assorted colors, 2¼-in.	2.00 "

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

Mention The Review when you write.

GERANIUMS

Single and double, standard varieties, named, $2.50 per 100.

Ivy Geranium, 2-in	$2.50 per 100
Boston Ferns, 8-in. pans, $10 per doz.	
Asparagus Sprengeri, 2-in.	2.50 per 100
Asparagus Plumosus, 2-in.	2.50 per 100
" " 3-in.	4.00 per 100
English Ivy, 2-in	2.00 per 100
Brides and Bridesmaids Roses	2.50 per 100
American Beauty, 2-in.	4.00 per 100
Dracaena Indivisa, 2-in.	2.50 per 100
" " 3-in.	4.00 per 100
White Moonvines 2-in.	2.50 per 100
Fuchsias, named varieties, 2-in.	2.50 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.
Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS, COLEUS and general bedding stock in large quantities.
Write for prices. Cash or reference.

L. H. FOSTER ESTATE,
45 King St., DORCHESTER, MASS.

Mention The Review when you write.

MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

Mention The Review when you write.

CELERY PLANTS

In Any Quantity.

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

R. VINCENT, JR., & SON
White Marsh, Md.

Mention The Review when you write.

Boston Ferns

4, 5, 6, 7, 8 and 10-inch now ready.

PIERSONI in 6 and 10-inch, extra fine stock.
SCOTTII specimen plants in 10-inch.
PLUMOSUS 2, 3, 4, 5 and 6-inch.
SPRENGERI 2, 3, 4, 5 and 6-inch.

This is stock that you can make money on during the Summer and Fall. Write

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, July delivery, from 2½ inch pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Adiantum cuneatum, 4-in., very strong, 12c.
G. Aschmann, 1012 Ontario St., Phila.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Several hundred smaller plants at $1.00 each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, double giant, 2½-in., bushy, $2.00 100. G. W. Renard, Avondale, Pa.

Dwarf sweet alyssum, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ANTIRRHINUMS.

Antirrhinums, assorted colors, 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

AQUILEGIAS.

Aquilegia, assorted varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs., 50c; 5½-in. pots, 12 to 14 in. high, 60c; 6-in. pots, 14 to 16 in. high, 75c; 6¼-in. pots, 16 to 20 in. high, $1.00 each. A. compacta robusta, very large, $1.25, $1.50, $1.75 each. A. excelsa glauca, $1.00, $1.25, $1.50 each. G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for 2½-in. pots, $12.00 1000; Sprengeri, $10.00 1000; prepaid if cash with order. Large field-grown plumosus nanus, fine for benching, $40.00 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten percent off on lots of 250 and over. Cash, please.
Wm. Linfoot, N. Vermilion St., Danville, Ill.

Asparagus plumosus nanus, thrifty plants from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, very large, 2-in., $1.90 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus for sale cheap to close out. 300 plumosus clumps, 3 years old; on side table, and should go on ground bed; have no room. $7.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus plumosus, from flats, $15.00 1000. Asparagus Sprengeri, 2½-in., $2.00 100, $15.00 1000. Cash. Max E. H. Keffel, 699 So. Boyle Ave., Los Angeles, Cal.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000. Sprengeri, extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

30,000 Asparagus plumosa and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Moshaek, Onarga, Ill.

Asparagus plumosus nanus, extra strong seedlings, ready for 2¼-in. pots, $1.25 100, $10.00 1000. Delivery paid.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus seedlings, $1.15 per 100; $10.00 per 1000, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. Cash.
Baur Floral Co., Erie, Pa.

Asparagus Sprengeri, 2-in., $2.50 100; plumosus, 2-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri, for benching, 2½-in., $2.00 per 100; $5.00 for 300. Cash.
Krueger Bros., Toledo, O.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong, 3-in., $25.00 1000. Freight prepaid.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Asparagus, 2000 2-in., ready to shift, $2.50 per 100, $20.00 per 1000.
Erie Floral Co., Erie, Pa.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, one year old, from bench, 5c. Cash.
Joseph Wood, Spring Valley, N. Y.

Asparagus plumosus, fine plants, 4½-in. pots, $20.00 100. Cash.
Anton Schnitheis, College Point, L. I., N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, fine, strong plants, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Asparagus Sprengeri, 2-in., $2.50 per 100, $22 per 1000.
Dinstel Bros., 1056 No. 62nd Ave., Chicago.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 3 yrs. old, 6-in. pots, bushy, $7.00 100. G. W. Renard, Avondale, Pa.

Asparagus plumosus nanus, from flats, $6.00 per 1000. J. F. Allen, Orlando, Fla.

Asparagus Sprengeri and plumosus, in 2 to 6-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri seedlings, 60c 100; $5.00 1000. D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in., fine plants, $2.00 per 100. A. L. Harmon, Iola, Kan.

Aspuragus plumosus nanus, 2¼-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

BAY TREES.

We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Blooming begonias. Argenteo-gutata and Marguerite, 2-in., $3.00 per 100; R. C., $1.50 per 100. Sandersoni (coral), 2-in., $2.50 per 100; R. C., $1.25. N. O. Caswell, Delavan, Ill.

Rex begonias, rooted cuttings, mixed, at $1.00 per 100. Cash with order.
Birmingham Floral Co., Birmingham, Ala.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers, 2½-in., $2.00 per 100.
Morton's Evergreen Lodge, Clarksville, Tenn.

Christmas peppers, 2-in., $1.75 per 100.
A. L. Harmon, Iola, Kan.

Christmas peppers, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

BULBS.

Bermuda and California freesias. Plant these at once to secure early bloom.

	12	100	1000
½ to ¾-inch	$.15	$ .75	$6.00
Mammoth	.20	1.00	7.50
Oxalis—			
Bermuda, yellow	.20	1.00	7.50
Grande Duchesse, white	.20	.75	6.00
Grande Duchesse, rose	.15	.65	5.50
Grande Duchesse, lavender	.10	.50	4.00

LILIUM HARRISII.
ONE BRAND ONLY. THAT THE BEST.

	12	100	1000
5 to 7-inch	$ .50	$ 3.75	$33.00
6 to 7-inch	.65	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
9 to 11-inch	2.00	15.00	

Calla, French and Dutch bulbs—August, September. Send for list and estimates.
H. H. Berger & Co., 47 Barclay St., New York.

Calla bulbs, 250 in case, 3 in. diameter, $17.50 case; 2½ in. diameter, $15.00 case; 2 in. diameter, $11.00 case; 1½ in. diameter, $8.00 case. Elliott's Little Gem calla, dormant bulbs, $1.20 100; $10.00 1000. Freight prepaid at above prices. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Lilium Harrisii. Selected, high-grade bulbs ready for shipment; 5 to 7 in., $4.00 100, $36.00 1000; 6 to 7 in., $4.75 100, $42.50 1000; 7 to 9 in., $8.50 100, $75.00 1000; 9 to 12 in., $18.00 100, $160.00 1000. Write for prices on other bulbs, plants, etc.
Currie Bros. Co., Milwaukee, Wis.

Freesia refracta alba, French-grown, the pure white kind, ready now. Giant bulbs, picking from the crop, $2.00 100, $15.00 1000.
First shipment of Romans and paper whites due next week.
Clucas & Boddington Co., 131 West 23rd St., New York.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.
R. Fischer, Great Neck, L. I., N. Y.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Freesias, ready now. Fine stock in any quantity up to ½-in. Grand Duchess oxalis—pink, white and lavender; Amaryllis Johnsonii and Belladonna, and Chlidanthus fragrans.
Rees & Compere, Long Beach, Cal.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Narcissus. Surplus stock, strong, blooming bulbs, fine for Decoration day, in 4 hardy sorts, double and single, 60c 100; $5.00 1000.
F. A. Baller, Bloomington, Ill.

Calla bulbs, 1 to 1½-in., $4.00 100, $30.00 1000; 1½ to 2-in., $5.00 100, $40.00 1000; 2 to 2½-in., $6.00 100, $50.00 1000. Ready Aug. 1.
California Nursery Co., Niles, Cal.

Virginia-grown narcissus bulbs, P. ornatus, $4.00 1000; Princeps, $5.00 1000; Emperor, $14.00 1000. Special prices on large quantities.
Poat Bros., Ettrick, Va.

HARRISII. First shipment just received. Handsome bulbs; inspected stock. Freesias, callas, Romans, etc., ready soon.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Dutch bulbs. Special quotations on receipt of quantities required.
Franken Bros., Lake Forest, Ill.

Send us your list of fall bulbs; we will quote you special prices.
Holmes Seed Co., Harrisburg, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CACTI.

Cacti, 10 varieties, $7.00 per 100. Prepaid.
J. A. McDowell, Mexico City, Mex.

BUSINESS BRINGERS—
Review
Classified Advs.

CARNATIONS.

Strong, clean, healthy field-grown carnation plants now ready.	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
Harlowarden	5.00	45.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants now ready, 1000 The Queen, 1st size, $6.00 100; 2d size, $5.00 100. 600 White Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Red Lawson, 1st size, $10.00 100; 2d size, $8.00 100. 500 Tiger, best fancy, 1st size, $6.00 100; 2d size, $5.00 100. Samples free by express. Cash.
Henry Eichholz, Waynesboro, Pa.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
S. J. Goddard, Framingham, Mass.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.
John H. Sievers & Co., 1251 Chestnut St., San Francisco, Cal.

Field-grown carnations.

	100	1000		100	1000
The Belle..	$10.00	$95	Flamingo ...	$8.00	$75
Mrs. Patten.	8.00	75	N. Fisher...	8.00	75
White Cloud.	6.00	55	Boston Mkt..	6.00	55
Mrs. Nelson.	6.00	55			

W. J. & M. S. Vesey, Ft. Wayne, Ind.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$5.00	$45	Glacier	$5.00	$45
Enchantress..	7.00	60	Peru	4.00	35

Eli Cross, Grand Rapids, Mich.

Carnations. Field-grown, healthy, clean stock, ready to plant. Enchantress and Nelson, $5.00 100. Prosperity and Q. Louise, $4.00 100; later will have Lawson, Estelle, Bountiful.
Henry Baer, R. 3, Peoria, Ill.

150,000 field-grown carnation plants. We are now booking orders for same. Let us quote prices on your wants.
S. J. Reuter, Westerly, R. I.

Field-grown carnations. Joost, America, Norway and Flora Hill. $5.00 100, $45.00 1000.
Dinstel Bros., 1056 No. 62nd Ave., Chicago.

Field-grown plants of Lawson, Joost, Norway, Prosperity, Crane and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Carnations, field-grown. New and standard varieties. Write for prices.
A. C. Canfield, Springfield, Ill.

1000 Queen Louise carnations, large, healthy plants, $4.00 100. Cash.
Arthur Coombs, New Britain, Conn.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Surplus chrysanthemums, Merry Christmas, Wm. Duckham, Dr. Enguehard, Sinclair, Bonnaffon, Ivory, Pink Ivory, Maud Dean, Alice Byron, Philadelphia, J. Jones, Glory of Pacific, Polly Rose, Pink Jones. Out of pots, $3.00 100 if a number of varieties are taken.
H. W. Field, Northampton, Mass.

Chrysanthemums. 40,000 rooted cuttings, $9.00 per 1000, in the following good kinds: Ivory, Bonnaffon, Maud Dean, Appleton, P. Rose and others; also plants from pots at $2.00 per 100; 300 for $5.00, our selection. We guarantee to please you or refund money.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemums for sale or exchange, from 2½-inch pots and from trays, with two to three shoots. Polly Rose, Glory of Pacific, Bonnaffon, $2.00 100. Want 300 White Ivory, 500 Timothy Eaton, 200 Queen and 200 Mrs. Jerome Jones. A. E. Fancher, Binghamton, N. Y.

3500 Major Bonnaffon chrysanthemums, the best commercial yellow. Superb plants in 2½-in. pots and in perfect condition, $2.25 per 100; $20.00 per 1000.
J. T. Lovett, Little Silver, N. J.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, new and standard varieties. Fine plants, out of 2½-in., now ready. Write for list and prices.
H. Weber & Sons, Oakland, Md.

See our display adv. for the list of chrysanthemums we are offering at $1.50 100, $12.50 1000, in assortment. Reeser Floral Co., Urbana, Ohio.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

Chrysanthemum rooted cuttings. Bonnaffon, Golden Wedding, $1.00 100.
Dinstel Bros., 1056 No. 62nd Ave., Chicago.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

CINERARIAS.

Cinerarias (August 15), 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Large-flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., 18c; 1-yr., from 3-in., 9c. C. paniculata, from 3½-in., 10c.
W. H. Salter, Rochester, N. Y.

COBAEAS.

Cobaea scandens, 3-in., large, $3.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

COLEUS.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

CUPHEAS.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. Twice transplanted, $3.00 100, $25.00 1000; 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.
C. Winterich, Defiance, O.

Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
Lehnig & Winnefeld, Haekensack, N. J.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

Cyclamen, giant, mixed, $4.00 100.
John F. Rupp, Shiremanstown, Pa.

DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, from bench, 12 inches and up, $11.00 per 1000, prepaid. Cash.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 4-in., strong, $5.00 per 100; 5-in., extra strong, $10.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

Dracaena terminalis, 2¼-in. pots, $10.00 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Dracaena indivisa, 2-in., $2.50 100; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

FERNS.

FERNS OUR SPECIALTY.
We have over a half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Doodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.
Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.
CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
R. G. Hanford, Norwalk, Conn.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
C. Soltau, 190 Grant Ave., Jersey City, N. J.

Florists' ferns. Best assortment known for fern dishes, ready from flats. Extra strong seedlings, $1.25 100, $10.00 1000, including delivery. 2¼-in. pots, $3.00 100, $25.00 1000, f. o. b. only.
H. H. Berger & Co., 47 Barclay St., New York.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Boston ferns, fine stock from bench, ready for 5-in., $3.00 doz.; $25.00 100. From 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

Boston ferns, in from 4 to 10-in., ready now. Piersoni, extra fine, 6 and 10-in. Scottii, specimens, 10-in. There is money in this stock for you. Geo. A. Kuhl, Pekin, Ill.

Ferns for fern dishes, from 2½-in. pots, fine assortment, $3.00 100. Ferns ready for potting, $1.00 to $1.50 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Piersoni ferns, 3-in., $9.00 per 100. Boston ferns, 3-in., $6.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash. H. Weston, Hempstead, N. Y.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston fern, 8-in. pans, $10.00 doz.
National Plant Co., Dayton, Ohio.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Rambiers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

FUCHSIAS.

Fuchsias, named varieties, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

GARDENIAS.

Gardenia Veitchii, 3½-in., selected plants, $20.00 100. Smaller plants, $15.00 100.
Anton Schultheis, College Point, L. I., N. Y.

Gardenia Veitchii, true variety, strong busy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

GENISTAS.

Genista fragrans, 2½-in., 75c per doz.; $5.00 per 100; $40.00 per 1000.
The Conard & Jones Co., West Grove, Pa.

GERANIUMS.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100.
Chas. Gay, Des Moines, Iowa.

Bruanti geraniums, the very best scarlet bedder, fine plants, 2½-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Geraniums, single and double, standard varieties, named, $2.50 100. Ivy, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

Geraniums, good 4-inch stock, $6.00 100; 2½-inch, $2.00 100.
Geo. Bishoff, Ann Arbor, Mich.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

GREVILLEAS.

Grevillea robusta, 2-in., extra strong, $2.50 per 100. Hammerschmidt & Clark, Medina, O.

HARDY PLANTS.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Golden Glow, 4-in., 10c.
W. H. Salter, Rochester, N. Y.

IVY.

English ivy, 4-in. pots, 2 plants in pot, $8.00 per 100. English ivy, var., 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, Ohio.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Cold storage lily of the valley, large, strong, selected pips in boxes of 2500. For price, address
Wm. Hagemann & Co., 55 Dey St., New York.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

Lily of the valley. Write
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Lobelia cardinalis, strong one-year-old plants, $5.00 per 100; $45.00 per 1000.
J. B. Keller Sons, Rochester, N. Y.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MOONVINES.

Moonvines, white, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

MUSHROOM SPAWN.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

Frequent importations best English mushroom spawn; always fresh and lively.
J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

KENTIA BELMOREANA.

	High.	Each.	12	100
5-in., 6 to 7 leaves,	18 to 20 in....		$ 6	$50
5-in., 6 to 7 leaves,	20 to 22 in....		9	75
6-in., 6 leaves,	22 to 26 in....	$1.00	12	
6-in., 6 to 7 leaves,	26 to 28 in....	1.25	15	
6-in., 6 to 7 leaves,	30 to 32 in....	1.50	18	
7-in., 6 to 7 leaves,	34 to 36 in....	2.50	30	
8-in., 6 to 7 leaves,	36 to 40 in....	3.00		
9-in., 6 to 7 leaves,	42 to 48 in....	5.00		

KENTIA FORSTERIANA.

Made-up Plants.	Each.
7-in. pot, 4 plants in pot, 32 in. high	$2.00
8-in. pot, 4 plants in pot, 36 in. high	2.50
8-in. pot, 4 plants in pot, 42 in. high	3.50
10-in. pot, 4 plants in pot, 48 to 54 in. high	5.00
10-in. pot, 4 plants in pot, 60 in. high	6.50
12-in. tub, 4 plants in tub, 5 to 6 ft. high	12.50
12-in. tub, 4 plants in tub, 6 to 7 ft. high	15.00

The above plants are clean, vigorous, stocky, and are as good as can be grown.
Joseph Heacock, Wyncote, Pa.

Cocos Weddelliana, 3-in., 15c; Areca lutescens, made up, 5½-in., very fine, 40 to 50c each. Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Latania borbonica, large, fine lot, to close out, 2½-in., in extra good condition, $3.50 100; $30.00 1000. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Plants from my extra select Giant strain, ready Sept. 1. Peter Brown, Lancaster Pa.

PEONIES.

Peonies. White, generally called Queen Victoria, $0.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100.
For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery. Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000.
John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $5.00 per 100. From stock that produced the largest blooms on the Chicago market, measuring 22 in. diameter.
Thos. Salveson, Petersburg, Ill.

Poinsettias for July and August delivery, 2½-inch, $5.00 100; $40.00 1000.
BENTZEN FLORAL CO., St. Louis, Mo.

PRIMULAS.

Chinese finest mixed. Baby, obconica grandi., fimbriata, alba and rosea, 2c, $17.50 per 1000. Forbesi seedlings, 75c per 100, mailed. Cash.
Byer Floral Co., Shippensburg, Pa.

Primula obconica grandiflora seedlings, nice plants, 50c per 100, by mail.
A. Relyea & Son, Poughkeepsie, N. Y.

Primula Buttercup, 2-in., $3.00 100. Obconica grandiflora, 3-in., $6.00 100.
A. Jablonsky, Weliston, St. Louis, Mo.

Primroses. Chinese obconica and Forbesi, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primula obconica, 2½-in., $2.00 per 100. Ready now.
John Dieckmann & Co., Wheeling, W. Va.

Primroses. Sinensis, finest mixed, 2-in., $2.00 100. Cash. Byer Bros., Chambersburg, Pa.

Primulas, all varieties (August 10), 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

Primroses, 2¼-in., $2.00 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

ROSES.

American Beauty	3½-in.,	$6 100,	$50 1000
Max Von Herrosdorfer	3½-in.,	5 100,	40 1000
Ideal	3½-in.,	5 100,	40 1000
La Detroit	3½-in.,	6 100,	50 1000
Rosalind Orr English	3½-in.,	25 100,	200 1000
Bridesmaid	3 -in.,	4 100,	35 1000
American Beauty	2½-in.,	5 100,	40 1000
Wm. Askew	2½-in.,	5 100,	40 1000
Sunrise	2½-in.,	4 100,	35 1000

American Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses. Bride, Maid, Golden Gate, Chatenay, Meteor and Liberty, 3-in., $4.00 per 100; 4-in., $6.00 per 100.
Warrendale Floral Co., St. Paul, Minn.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

ROSES.	100 2½-in.	1000 2½-in.	100 3½-in.	1000 3½-in.
Beauties	$5.00	$45.00	$7.00	$65.00
Chatenay	4.00	30.00	5.00	45.00
Uncle John	4.00	35.00	5.00	45.00
Golden Gate	2.50	20.00	4.50	40.00
Maids	3.50	30.00	5.00	45.00
Brides			5.00	
Sunrise			5.00	

Pochlmann Bros. Co., Morton Grove, Ill.

D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Surplus rose plants.

Own roots—	Per 100
500 Perle des Jardin, 3-inch	$6.00
300 Mildred Ware, 3-inch	8.00
Grafted—	
400 Mme. Hoste, 3-inch	8.00
300 Mme. Cusin, 3-inch	8.00

John Breitmeyer's Sons, Detroit, Mich.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Maid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Perle, Maid, Kaiserin, 3-in. pots, $7.00 100. J. L. Dillon, Bloomsburg, Pa.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Roses. 2000 No. 1 Bridesmaid and about 1600 No. 1 Ivory, 3½-in., in good shape for benching, $5.00 100; $45.00 1000. Also a lot of Bridesmaid and Meteor, 2¼-in., $3.00 100; $25.00 1000.
Ira G. Marvin, 3 No. Franklin St., Wilkes Barre, Pa.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

BARGAIN PRICES on roses. Brides, Bridesmaids, Meteors, 2¼-in., $20.00 per 1000; 3-in., $30.00 per 1000. Thoroughly first-class stock, well-rooted, and ready for planting.
Lake View Rose Gardens, Jamestown, N. Y.

Hardy roses from 4 and 5-in. pots, fine, strong plants. Crimson and Yellow Rambler, Gen. Jacq., Coquette des Blanches, Paul Neyron, Clothilde Soupert, etc., 15c.
W. H. Salter, Rochester, N. Y.

Roses. La France, 3-in., $5.00; Ivory, 3-in., $4.00; Golden Gate, 2-in., $2.50 100. Sample free.
R. L. Graham, 288 Old York Road, Baltimore, Md.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Roses, all from 3-in. pots, good stock. Beauties, $5.00 per 100. Bride, Meteor, Gate, Sunrise, $3.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Golden Gate, Ivory, Mme. Hoste, Bride and Bridesmaid roses, from 3½ and 4-in., fine plants, $5.00 per 100. Smith & Gannett, Geneva, N. Y.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

La France roses, extra strong, 4-in. pots, 2 feet high, clean and vigorous, $12.50 100. Cash.
"Critchell's," Avondale, Cincinnati, Ohio.

Brides, Maids, Kaiserins, strong 3-in., $6.00 100. Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Brides and Maids, 3-in. pots, $3.50 100. D. Wood Brant, W. Peterson & 48th Ave., Chicago.

500 Meteor plants, 3-in., strong and clean, $2.50 per 100; 500 for $12.00. Cash, please.
Krueger Bros., Toledo, Ohio.

Ideal, the improved La France, fine for pot culture or summer cutting, 3-in., $7.00 100.
John Welsh Young, Germantown, Pa.

See display adv. for list of roses, in 2-in., that we are offering for $15.00 per 1000.
Reeser Floral Co., Urbana, O.

3000 roses. Maids, MacArthur, Uncle John, Ivory and Chatenay. Write for prices.
The Gasser Co., Cleveland, Ohio.

Fine Bridesmaid roses, from 4-in. pots, $3.50 and $4.00 per 100. Cash with order.
Jas. Horan & Son, Bridgeport, Conn.

Grafted Brides and Maids, fine plants from 3½-in. and 4-in. pots, $15.00 per 100.
A. C. Canfield, Springfield, Ill.

Roses. Novelties—forcing and bedding varieties—field-grown, strong and healthy.
Peter Lambert, Trier, Germany.

Roses. 750 Brides and 900 Bridesmaids, 3-in., $4.50 100; $40.00 1000. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Golden Gate roses, fine, healthy plants, 3-in. pots, $3.00 100; $25.00 1000. Cash.
Paterson Rose Co., Paterson, N. J.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Ivory roses, strong plants out of 4-in. pots, clean and healthy, $7.00 per 100.
John F. Auer, Sykesville, Md.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses. Fine, clean, healthy, 4-in. Golden Gates, $5.00 100; $40.00 1000.
John Fallon, Staunton, Va.

1500 Beauties, 2½-in., $30.00 per 1000. 4000 Kaiserin, 2-in., $15.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

340 Ivorys, 4-in., 5c each; 250 Ivorys, 2½-in., 3c each. Fine, thrifty stock.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Bride and Bridesmaid roses, $2.50 100; American Beauty, 2-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Roses, all the best varieties in 2 and 5-inch rose pots. Write Geo. A. Kuhl, Pekin, Ill.

La Detroit, Chatenay and Sunrise, 3-in., $5.00 100. C. R. Hills, Grand Rapids, Mich.

RUBBERS.

Rubbers out of 3s, strong top cuttings for July and August delivery, $16.00 per 100, $150.00 per 1000.
A. C. Oelschig & Son, Savannah, Ga.

25 ficus elastica, 6-in., 2 to 2½ feet high, from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Ficus elastica, imported, 4-in., 25c; 5 to 5½-in., 35c, 40c each.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Scarlet sage, from 2-in. pots, $2.00 100.
E. I. Rawlings, Quakertown, Pa.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation. A. C. Zvolanek, Bound Brook, N. J.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

10 lbs. sweet william seed, the very finest single, mixed; or double and single, mixed. Trade pkt., 15c; oz., 20c; lb., $1.00.
S. J. Galloway, Eaton, Ohio.

CINERARIA STELLATA, most floriferous of all cinerarias; flowers are pure white, light mauve, violet, purple; the best cut flowers for funeral work, pkt., 25c.
CINERARIA MAX. NANA, giant flowered novelties—pure white, blood red, MAGNIFICENT old rose, azure blue, each color separate, pkt., 25c. All colors, mixed, 25c.
Primula sinensis fimbriata, in separate colors, white, rose, blood red, blue, 25c 100, $1.00 500, $1.75 1000; all colors, mixed, 20c 100, 85c 500, $1.50 1000.
Asparagus plumosus nanus, 99% germination, 30c 100, $2.00 1000, $9.00 5000. Sprengeri, new crop, 15c 100, $1.00 1000, $4.00 5000.
Asparagus plumosus robusta, called King of the Market for its superior beauty for cutting. Fresh crop, $1.10 100, $9.00 1000.
Pansy seed, Berger's Neverfail, our own mixture of prize flower seed—all sorts, all colors—1000 seeds, 25c; 5000 seeds, $1.00. Separate colors and separate sorts. Send for list.
Calceolaria, giant flowering, pkt., 25c.
Cyclamen giganteum, separate colors—white, rose, dazzling crimson with eye, 75c 100 seeds, $6.00 1000. Mixed, 60c 100, $5.00 1000.
Best German, winter-flowering, ten weeks stocks, pkt., 25c.
Mignonette, Defiance or Machet, pkt., 15c; oz., 50c.
NOVELTY. Myosotis SILVER QUEEN, sown now will commence flowering 8 to 10 weeks, especially fine for cutting and growing in pots. Grows 6 to 7 inches high with a diameter of 7 to 8 inches, forming a beautiful bush, covered with the silvery white flowers. Placed in greenhouse in fall, it will flower the whole winter; pkt. of 25 seeds, 50c; 10 seeds, 25c. INVALUABLE.
Send for our new fall list.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Toole's premium American pansy seeds now ready. Sow in July and August for winter flowers or cold frame plants. The most complete list of varieties and mixtures grown by anyone in America described in our catalogue, which is sent with "How to Grow Pansies" free to any address. Extra choice, mixed, 10c per pkt.; ⅛ oz., 50c; ¼ oz., 75c; per oz., $2.75. Selected, mixed, 15c per pkt.; ⅛ oz., 70c; ¼ oz., $1.20; per oz., $4.00. Hesperian mixture, 25c per pkt. Trade pkts., containing triple quantity, double price.
William Toole, Panay Specialist, Baraboo, Wis.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.
Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Cineraria, finest large flowering, dwarf, mixed 1000 seeds, 50c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
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BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00
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MICHELL'S GIANT PRIZE and MICHELL'S GIANT EXHIBITION PANSIES cannot be equaled for size, texture and brilliant colors. For list of varieties and prices see display adv. Our new catalogue, just off the press, contains a complete list of pansy and other seasonable seeds. Send for a copy.
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Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Cineraria grandiflora, medium tall and dwarf, prize varieties, mixed, 50c trade pkt. Pansy seed, superb mixed, ⅛ oz., 60c; ¼ oz., $1.15; oz., $4.50. Choice, large flowering, mixed, oz., $1.25. W. C. Beckert, Allegheny, Pa.

We make a specialty of choice seeds for florists and our strains are the best in the market. See our display adv., also write us for our catalogues which are mailed free.
Weigelt & Co., Erfurt, Germany.

Pansy seed. Barnard's Florists' Mixture, trade pkt., 25c; ⅛ oz., $1.00; ½ oz., $3.50; oz., $7.00 Giant mixture, trade pkt., 20c; ⅛ oz., 50c; oz., $4.00.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirngiebel, Needham, Mass.

SEEDS—Continued.

Pansy seed, trade pkt., $1.00; oz., $5.00. Cash. Larger or smaller quantities to suit. My pansies were the admiration of all. Quality unsurpassed.
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Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Cyclamen seed. Fresh crop, ready now. White, with red eye; rose, lavender, and white, colors separate, $5.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Perret's celebrated strain of pansy seed, $4.00 oz., $2.50 ½ oz.; trade pkt. (3000 seeds), $1.00; ½ pkt., 50c.
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Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Smilax, 75c per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

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Growers and Wholesale Merchants.
Leading Onion Set Growers.
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Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
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JOHNSON & STOKES' tested flower seeds. See display adv. for varieties and prices.
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Rawson's mid-summer catalogue of HARDY PERENNIAL SEEDS sent on application.
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Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
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Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
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Pansy seed, new crop, $1.00 per packet; $4.00 per oz; $12.00 per ¼ lb. Cash.
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Pansy seed, extra fine imported strain, ⅛ oz., $2.50, 1 oz., $5.00.
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Wholesale price list of seeds for florists and market gardeners.
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Pansy seed, large flowering, ready now, $4.00 oz. Jos. H. Cunningham, Delaware, O.

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Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample.
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Smilax, 2000 2½-in., two in pot, strong, healthy plants, $2.25 per 100 pots; $20.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax, strong, bushy plants from 2-in. pots, $1.25 per 100; 10.00 per 1000.
Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax, extra strong plants, 2¼-in. pots, $1.25 100; $10.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Smilax plants, strong, 2½-in., $2.00; from flats, $1.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

Smilax, 700 strong, healthy plants, in 2½-in. pots, $1.50 per 100.
J. W. Munk & Sons, Mt. Gilead, O.

Smilax plants, strong, 2-in. stock, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax plants, fine, stocky, cool grown, 2-in. pots, $2.50 100.
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Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, 2¼-in., strong and ready to plant, $2.00 per 100. A. J. Winget, Mansfield, O.

Smilax, 2-inch pots, $1.50 100; $12.50 1000.
H. S. Courtney, Sparkill, N. Y.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Smilax, 2¼-in., ready to plant, $1.25 per 100.
Savanna Greenhouses, Savanna, Ill.

Smilax, 2½-in., $1.50 100; $12.50 1000.
J. L. Dillon, Bloomsburg, Pa.

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Stevia serrata, true winter-blooming, ready to ship, 2½-in., $2.50 100; $20.00 1000.
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Stevia, rooted cuttings, $1.50 100, $12.50 1000; 2½-in., $2.50 100, $22.50 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, fine, bushy plants, 2¼-in. pots, 40c per doz.; $1.75 per 100.
A. L. Harmon, Iola, Kan.

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TOMATOES—Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000.
CABBAGE—In any quantity. Winningstadt, Early All Head, Sure Head, Succession, Early and Late Flat Dutch, Hollander, etc., $1.00 per 1000, $8.50 per 10,000.
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CELERY—In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.
Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.
Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.
My plants are fine. Cash with order.
Samuel W. Shanklin, White Marsh, Md.

Strong transplanted celery plants, bushy and well hardened. Carefully packed in light crates, $2.00 per 1000; 10,000 for $17.50. White Plume, Giant Pascal, Winter Queen, Pink Plume and Boston Market. Write for price on larger lots.
R. Kilbourn, Clinton, N. Y.

5,000,000 celery plants. See my advertisement in this number. Ludvig Mosbaek, Onarga, Ill.

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Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

Verbenas, 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

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Vincas variegata, 2½-in., very strong, $4.00 100; second size, $2.00 100.
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Vinca var. major, 2-in., $2.00 per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Vinca var. major, 3-in., fine, strong plants, 6c.
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Violet stock, clean thrifty plants. Single varieties—Princess of Wales, California, La France, Luxonne, Russian and Dorsett. Double varieties—Imperial, Marie Louise, Farquhar and Swanley White. Field clumps and plants, $1.75 per 100, $15.00 per 1000; 3½ and 4-in. pot plants, $2.00 per 100; $17.50 per 1000. Ready to plant at once for fall flowering. Packed lightly. Satisfaction guaranteed.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better, only $2.00 100; $15.00 1000. Cash, money returned if not suited. Samples, 10c.
Geo. T. Schuneman, Baldwins, L. I., N. Y.

Field-grown Marie Louise violets, $3.00 per 100; $25.00 per 1000. Strong plants from soil, $2.50 per 100; $20.00 per 1000. Field-grown Princess violets, $3.00 per 100. Samples, 10c. Cash with order.
John B. Rudy, Elmira, N. Y.

Violet plants. Marie Louise and Lady Campbell, 2-in., $2.50 100; $20.00 1000. Field-grown plants of Princess of Wales and Dorsett, singles, $6.00 100; $50.00 1000.
Eli Cross, Grand Rapids, Mich.

Sand-struck, pot-grown, strong, healthy violet plants, from 3-in. pots—Marie Louise, $2.00 100; $15.00 1000; Imperials, $3.50 100; $30.00 1000. Cash only.
Alexander Gordon, Spring Valley, N. Y.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants, first-class stock from soil, $2.00 per 100; $15.00 per 1000. Satisfaction guaranteed or money refunded. Cash. O. H. House, Babylon, L. I., N. Y.

Violets. Marie Louise and Lady Campbell, strong, clean, healthy, $20.00 1000; $35.00 buys 2000. Samples, 10c. Cash with order, please.
J. Hilldreth, Babylon, N. Y.

Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. Schaefer's, Inc., Newburgh, N. Y.

Marie Louise violet plants, fine stock in 2¼-inch pots, $3.00 100; $25.00 1000.
Wood Bros., Fishkill, N. Y.

Several thousand Marie Louise violet plants from soil. Write for prices.
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Arthur Coombs, New Britain, Conn.

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ZINNIAS.

Zinnias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

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To Exchange—2½-in. Latania Borbonica, fine stock, for Asparagus plumosus nanus, 3 or 4-in. pots. Samples exchanged.
"Critchell's," Avondale, Cincinnati, Ohio.

To Exchange—Christmas peppers, fine plants from 2½ and 3-in. pots for geraniums or anything we can use.
Morton's Evergreen Lodge, Clarksville, Tenn.

To Exchange — Asparagus plumosus plants, calla and candidum bulbs for carnation plants.
Eldred & Sykes, Benton Harbor, Mich.

To Exchange—Fine, healthy 4-in. Golden Gate roses, $5.00 100, $40.00 1000, for palms and ferns. John Fallon, Staunton, Va.

To Exchange—Chrysanthemums and roses for Boston or Piersoni ferns. See display adv.
The Reeser Floral Co., Urbana, O.

To Exchange—Fine giant pansy seed, mixed, $1.00 per oz., for field-grown carnations.
A. J. Santschi, Goshen, Ind.

WANTED.

Wanted—Variegated English ivy, strong rooted cuttings or plants. Send sample leaf with price to O. H. Dickenson, 27 Lyman St., Springfield, Mass.

Wanted—25, 50 or 100 small Pandanus Veitchii, state size and price.
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Wanted—Aug. 15, 6500 carnations, strong, field-grown plants; state varieties and price.
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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Ferns, new crop, extra fine and hardy; green galax, leucothoe sprays, etc.
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Fancy and dagger ferns, evergreens, etc., good stock, low prices.
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All decorative evergreens, galax, leucothoe, mosses, etc.
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Galax, ferns and leucothoe sprays are our specialties.
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Fancy ferns, green sheet moss, sphagnum moss, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
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FERTILIZERS.

BLATCHFORD'S PLANT GROWER and LAND RENOVATOR is the best fertilizer for florists. 100 lbs. of absolutely pure plant food, $2.75.
BLATCHFORD'S CALF MEAL CO. Waukegan, Ill.

Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
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SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAK LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

I offer standard glass, all double strength—40 boxes 16x16 A, 100 boxes 16x24 A, 125 boxes 16x24 B. Will sell at a bargain.
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The Peerless repair clamp, mends glass quickly and permanently, 150 for $1.00. Write
A. Klockner, Wauwatosa, Wis.

We are sole distributors of "White Rose" greenhouse glass.
Stenzel Glass Co., 2 Hudson St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

Bull Frog brand, best on the market. Write for prices on size desired.
Toledo Rubber Co., Toledo, O.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

NIKOTEEN APHIS PUNK, the original and genuine fumigant, widely imitated but never equaled. Box of 12 sheets, 60c; case of 12 boxes, $6.50.
NIKOTEEN, a liquid insecticide for fumigating and spraying. Very effective and economical. Per pint bottle, $1.50; per case of 10 pint bottles, $13.00. Securely packed.
Prepared by
NICOTINE MFG. CO., ST. LOUIS, MO.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Nicoticide kills all greenhouse pests.
The Maxwell Mfg. Co.,
Eleventh St., Louisville, Ky.

BUSINESS BRINGERS—
REVIEW Classified Advs.

LEAF-MOLD

Orchid peat, rotted peat, azalea peat, leaf-mold and live sphagnum moss in any quantity desired. Samples on application.
C. W. Brownell & Co., Walden, New York.

Leaf mold, 50c per bbl. Orchid peat, 45c bbl.
Chas. Wager, Ohioville, N. Y.

Leaf-mold and orchid peat. Write for prices.
F. J. Scott, Loyd, N. Y.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

PAINTS AND PUTTY.

Twemlow's old English glazing putty, liquid and elastic. Write Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.

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Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

POTS.

Our stock of STANDARD FLOWER POTS is always large and complete.
Whilldin Pottery Co., 713 Wharton St., Philadelphia, or Kearney and West Side Aves., Jersey City, N. J.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard pots, best on the market for porosity and strength. Write for sample and prices.
A. F. Kohr, 1521 N. Leavitt St., Chicago, Ill.

Red pots, full standard, wide bottoms; bulb pans. Harry Balsley representative.
Detroit Flower Pot Mfy., Detroit, Mich.

Standard Pots Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

Standard red pots. Write for prices.
Paducah Pottery Co., Paducah, Ky.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live, short sphagnum moss for orchids, at 75c per bag. C. W. Brownell & Co., Walden, N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. F. J. Scott, Loyd, N. Y.

TOBACCO.

Tobacco dust. It will pay large users to get our samples and prices.
E. L. Koppelman & Co., 81 Pine St., New York.

The Fumigating Kind tobacco powder, a five-pound trial bag free, you pay express. It kills aphis.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems by the bale or carload. Write for price on quantity you can use.
F. G. Borden, Milton, Wis.

Tobacco stems for fertilizer. Car load lots.
Maxwell Mfg. Co., Louisville, Ky.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

WIRE STAKES.
Belmer's galvanized steel stakes for roses, carnations, mums—no bugs—last forever.

		2 ft.	3 ft.	4 ft.	Terms:
No. 8 wire...	per 1000,	$4.85	$7.15	$9.50	Cash
No. 9 wire...	"	4.00	6.00	8.00	with
No. 10 wire...	"	3.55	5.35	7.10	order.

We can furnish any size and length.
H. BELMER & CO., Cincinnati, Ohio.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

The Gem support is the best support on the market. See display adv. for full description.
J. H. Broxey, Florist, Dayton, O.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized rose stakes. Any length and size of wire. Write
H. F. Michell Co., 1018 Market St., Phila.

Model Extension carnation supports.
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WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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Wire work. As manufacturers we eliminate the middleman. None other made as good at our prices.
C. C. Pollworth Co., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

Wire work, all kinds.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

FOR THE CONTRIBUTOR.

The following is from an article on literary work published in a recent issue of the Chicago Tribune:

"Put upon a sound basis of common sense, the contributor to the current periodical and daily press should remember that he is not an editor; frequently an editor is in the position of printing something which he cares nothing for himself. The contributor, to be successful, needs to give the editor credit for knowing what he wants, and, once acceding this, to refrain from sending him matter that is out of line with his policy.

"Clear, typewritten copy may cover several sins of commission in an otherwise good article. Bad pen copy may ruin the prospects of some of the best products of the pen; a reader may resent such copy beyond trying to decipher it, while in these days of the typesetting machine there is a double loss in having a man who can set five times the work of a hand compositor sit at a $3,500 machine and not do half the work of the hand compositor."

BELOIT, WIS.—A manufacturing concern gave a banquet to its salesmen and department superintendents July 20 and F. F. Manahan had an order for a fine decoration at the Hotel Hilton.



The Whilldin Pottery Co.

STANDARD FLOWER POTS

Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete

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Warehouses: JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.



FLORIST WARE OF EVERY KIND

A. H. HEWS & CO., INC.

POT MAKERS FOR 140 YEARS

CAMBRIDGE, MASS.

A CLOSED SYSTEM.

We are heating with hot water in a closed system which is operated under fifty pounds pressure. The pipes are on the down-hill plan from the boiler. Will it increase the efficiency to have the flows rise to the farthest point from the boiler? M. A. B.

——

Under as high a pressure as you maintain I doubt if it would prove a very decided advantage to change the slope of the flow pipes in your system. Were you working under a low pressure, six to ten pounds, the change would undoubtedly result in greater benefit than it would under present conditions. Some slight advantage would result from the change, even with the high pressure you use, but whether or not it would justify the expense of the necessary alterations is difficult to predict. L. C. C.

HEATING IN OREGON.

We have a shop 18x18 under which is a basement. Running south from the shop is an even-span house 18x52 and ten and one-half feet to the ridge. Running west from the shop is a three-quarter-span house 18x75 and eight feet to the ridge. We want to heat these two houses with one furnace, using a pipe boiler and hot water under ten to fifteen pounds of pressure. Will you please advise us as to size of boiler, amount of piping, etc. We already have a brick chimney 12x16 inches inside measure and eighteen feet high. The temperature at night must be 55 degrees in the longer house and 50 in the shorter house. The thermometer rarely falls below zero here. H. & F.

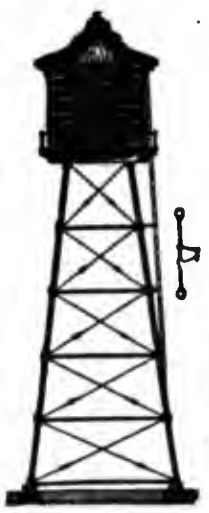
——

The two houses which you wish to heat will require pipe as follows, if the sizes I have selected are satisfactory: The house fifty-two feet long can be successfully heated with a 2-inch flow and nine 2-inch returns arranged under the benches or along the side walls. The house seventy-five feet long, if supplied with a 2½-inch riser and thirteen 2-inch returns, arranged as above suggested for the smaller house, will give the temperature desired.

If you use a pipe boiler as you suggest it should have a heating capacity to carry about 1,200 feet of radiation. To accomplish this the boiler should have at least 150 feet of heating surface. If 1½-inch pipe is used for the

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Any... Intelligent Mechanic



Can erect one of our Tank and Tower Outfits. The most explicit directions and plans are sent with each outfit sold.

W. E. Caldwell Co.

Louisville, Ky.

Mention The Review when you write.

construction of the boiler the coils should be made to contain between 300 and 325 lineal feet of pipe of that size. The number of pipes in the manifolds used will depend upon the length. A boiler containing less than 300 feet of 1½-inch pipe, exposed to the fire will not have sufficient capacity to do your work. For a suggestion regarding the construction of such a boiler see Florists' Review of December 31, 1903, p. 269.

L. C. C.

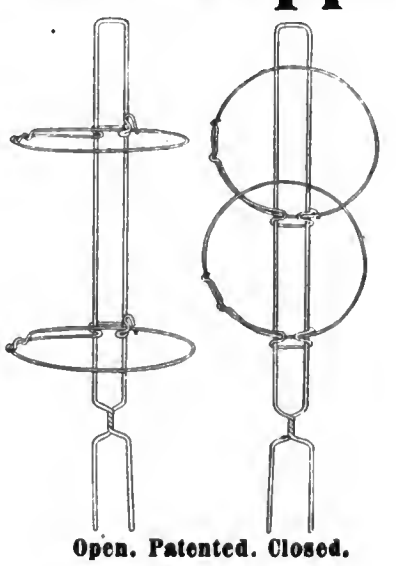
LEAKY GUTTERS.

I have in Knoxville a number of connecting houses which were built a year apart which caused us to use single gutters, which, of course, made it difficult to prevent them from leaking. I wish to fill the openings through which the water pours in the smallest rains and I do not know what is best to use for that purpose. Can you give me information which will be the safest? H. L. L.

——

We are not certain that we fully understand the trouble. We take it that

The Gem Support



Open. Patented. Closed.

HAS ALL THE

GOOD POINTS

It is made of Galvanized Wire, two rings and one stake which are never taken apart. Can be raised, lowered, made large or small according to the size of your plants. Can be folded flat and do not catch or tangle. Neat and so handy that you cannot afford to be without it. Write now for prices.

J. H. BROXEY, Florist, Dayton, Ohio

Mention The Review when you write.

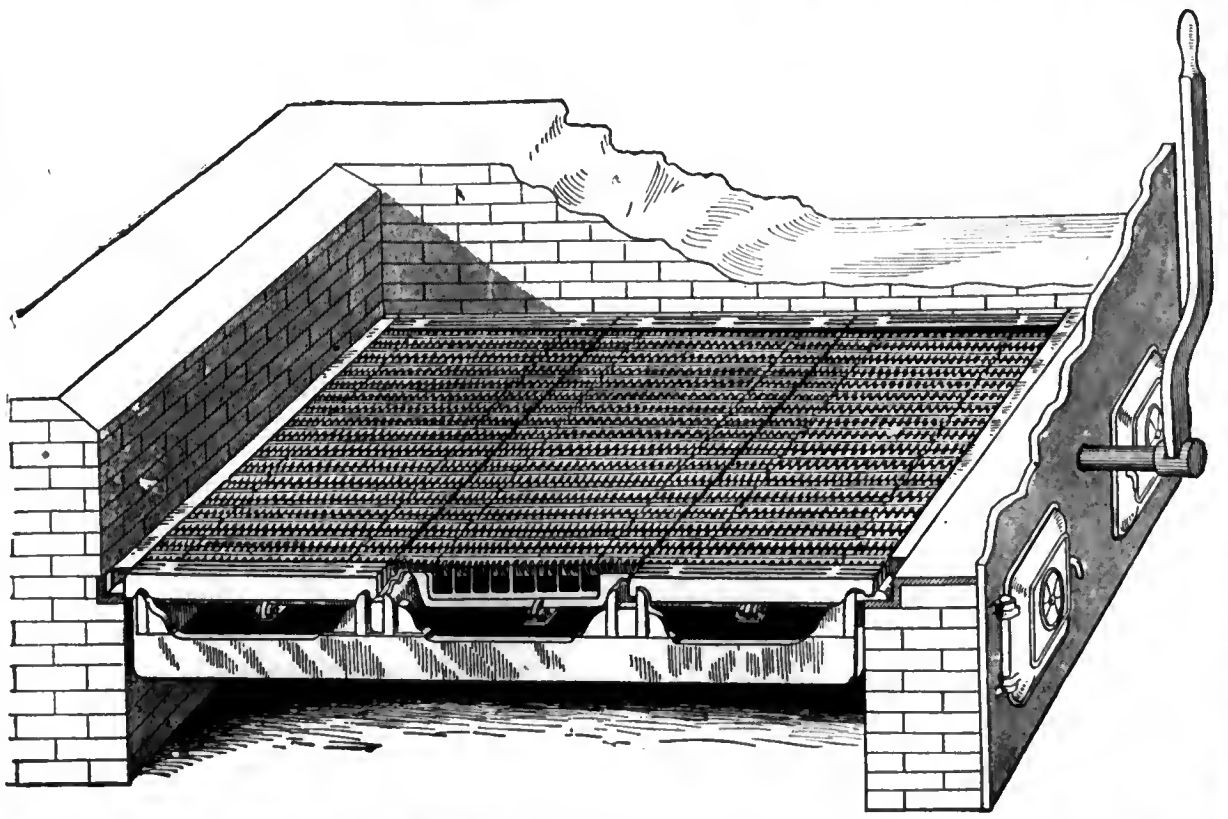
where one house has been attached to another, there is an imperfect gutter and there are some open joints that leak. If this is the case, then thoroughly clean the gutters and wherever there is an opening, say of a sixteenth of an inch, plug it full of a mixture of white and red lead, which should be about the consistency of putty. The red lead you buy as a dry powder and that will stiffen up the white lead. Then give the whole surface of the gutter two coats of thick white lead paint. That should prevent any leaking. Our 2-inch cypress gutters we paint annually and have no trouble with them. W. S.

INSUFFICIENT DETAIL.

We have a greenhouse heated by a Wilks boiler. The house rises about eight feet in its length of 100 feet. The main flow runs on a gradual rise to the highest point of the house. Another flow rises four feet at the boiler, then has a gradual rise of ten feet, drops six feet and returns to the boiler gradually. The boiler has about as much 2-inch

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The Martin Rocking Grate



DOES not allow any fine coal to go into the ashpit. It burns it **all.** Will pay for itself several times over each season in the saving of fuel. **Put in a trial set now.** Burns **any** coal and is especially adapted for the cheaper grades, such as slack and screenings. No change required in your furnace. Anyone can set it in place.

We have sold such up-to-date florists as Peter Reinberg, Emil Buettner, J. A. Budlong, Wietor Bros., Adam Zender and Sinner Bros., of Chicago; the Albert Dickinson Seed Co. and others. **Write for price and catalogue.**

MARTIN GRATE CO., 283 Dearborn Street, CHICAGO

Queen Beatrice

pipe as the maker lists it to carry, but I want to make a small addition and would like to know if it will carry a little more pipe if the boiler is sunk six or eight feet below the floor of the greenhouse? F. J. U.

Without knowing the size or rated capacity of the boiler in question, or how much piping you now have, it is absolutely impossible to tell whether or not it will carry more radiation. If you will give the number, size, or rated capacity of your boiler and the length and sizes of the pipes now supplied by it, it will be possible for us to answer your question. L. C. C.

LETTUCE HOUSES.

I am building three houses 20x100 feet, all connected, twelve feet to the ridge, for lettuce growing. I have a lot of 2½-inch and 3-inch pipe which I have been using for hot water. I want to change to steam. Could I use this pipe for steam? How many pipes and what size boiler would it take to heat these houses to 50 or 60 degrees where it gets about 25 degrees below zero? H. F. A.

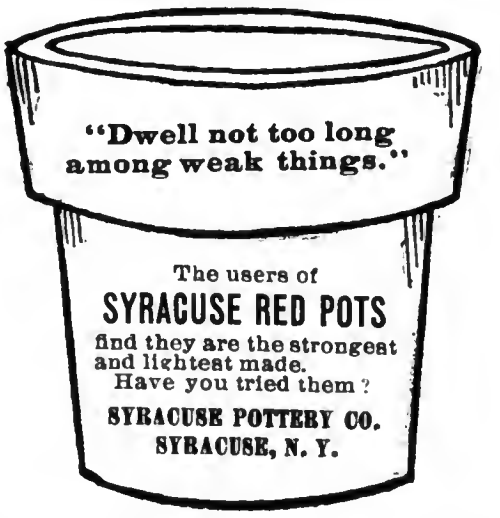
By running a 3-inch riser under the ridge of each of the outside houses, from the boiler to the most distant end, and returning through eighteen 2½-inch pipes you will get the necessary radiation. It would be a good plan to arrange three return pipes along each of the outside walls, or under the side benches, distributing the other twelve returns as evenly as possible under the other benches, or, if over them, twenty or more inches above the surface of the beds, if solid beds. This large pipe is not as economical to handle and install as smaller pipe but should give good satisfaction if well placed in the houses. A boiler rated to supply 2,000 feet of radiation will be adequate for your needs with allowance for a sufficient factor of safety. L. C. C.

Your Plants
Made to look strong and healthy by using "Nicoticide."
THE MAXWELL MFG. CO.
11th Street, LOUISVILLE, KY.

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ARNOTT'S COMPLETE SOLUBLE
PLANT FOOD
The only perfect substitute for and away ahead of Liquid Manure. Clean to handle. Odorless. Sample package mailed free for 25c. Booklet, "Hints to Florists," free on application.
THE ARNOTT CHEMICAL CO.
114 Victoria St. Toronto, Canada
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Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000....$6.25. Sample free.
For sale by dealers.
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Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Ia.

WE ARE THE MAKERS OF THE
Model Glazing Point, Model Tomato Support.
Write for booklet of prices.
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1133 BROADWAY, NEW YORK.
Factory, HARRISON, N. J.

RED STANDARD POTS.
Price per 1000, f. o. b. Harrison: 2-in., $2.25; 2¼-in., $2.70; 2½-in., $3.25; 3-in., $4.25; 3½-in., $5.50; 4-in., $6.80; 5-in., $11.00; 6-in., $18.00. Cash must accompany order.
HARRISON POTTERY, Harrison, Ohio.
Mention The Review when you write.

INCREASED RADIATION.

We have four greenhouses, 14x50 feet, heated by hot water; fourteen feet to the ridge, two feet of glass on the east side wall, ends of the houses also of glass. Our boiler is fourteen feet long by thirty inches wide. It is a fire-box boiler without return flues. There is a 4-inch flow pipe feeding two lines of 4-inch pipe in each house; that is four returns leading in one 4-inch pipe. The fall is twelve inches and then we have a line of 3½-inch pipe running all around the inside wall of the houses and entering in the same return. In the very cold weather, when the temperature is 15 below zero in Wisconsin, it is difficult to keep the houses up to 50 degrees. What I want to know is would it be advisable to have one more 4-inch flow on the other end of the boiler and an independent return? Would that give me more heating capacity? T. W. & S.

If your boiler is already tapped for a 4-inch flow this is sufficient for the capacity of the boiler and should supply heat for about 1,500 lineal feet of 4-inch pipe. If you are not now getting sufficient heat in your houses it is because of a lack of sufficient radiating surface in the houses. To maintain a temperature of 60 degrees during severe weather each of your houses should have six runs of 4-inch pipe the length of the house, or its equivalent, and to carry 50 degrees there should be five runs of 4-inch pipe. If I understand the arrangement of your piping you lack considerable, and in order to make the plant safe the area should be brought up to the amount specified. It will not be an advantage to tap the boiler again or to run an independent flow or return if those already in use are 4-inch. Make those you already have do more work by adding more radiation in the houses where you need it. L. C. C.

Oshkosh, Wis.—The Isaac Miles estate has equipped its boiler plant with the Martin rocking grate which is largely used by the big growers around Chicago.

Sherman, Tex.—H. O. Hannah has taken his son, Fred, into the firm. Hannah & Son have just put up a new house 22x100. A recent hail storm broke 1,400 square feet of their glass. Stock is in fine condition.

Queen Beatrice

CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.**
To try them once is to use them always.

Size No. 0	3x4 x20	$2 00	per 100;	$19.00 per 1000
" No. 1	3x4½x16	1 90	"	17.50 "
" No. 2	3x6x18	2 00	"	19 00 "
" No. 3	4x8x18	2.50	"	23.00 "
" No. 4	3x5x24	2.75	"	6.00 "
" No. 5	4x8x22	3.00	"	.50 "
" No. 6	4x8x28	3.75	"	.00 "
" No. 7	6x16x20	5 50	"	.00 "
" No. 8	3x7x21	3 00	"	50 "
" No. 9	5x10x35	6.50	"	62 00 "
" No. 10	7x20x20	7 50	"	67 00 "
" No. 11	3½x5x30	3 00	"	28 50 "

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.
Box 104.

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THE GREENHOUSE CO.

Horticultural Architects and Builders

KEARNEY AVE., JERSEY CITY, N. J.

We manufacture and erect Iron Frame Greenhouses for every purpose, for private and commercial use.

We also manufacture and supply every Greenhouse Structural Requisite, such as Cypress, Sash Bar Material, Ventilation Machinery, Hotbed Sash and Frames, Fittings, Valves and Boilers for Greenhouse Heating.

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For Complete Structures or for Material Ready to Erect.

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—THE—
WOLF DUMP SIEVE SOIL MACHINE

Pulverizes sods, manure, all kinds of soil, cuts and forces the fibres through the sieve. Dumps the stones out separately. Pays for itself in ten days' use.

WOLF IMPROVED
Ventilating Apparatus

Have all the modern improvements necessary to make them the most economical and powerful machines on the market. Either pipe shafting or cable machines furnished to operate long houses from either the end or center. Send for descriptive catalogue and references.

A. Q. WOLF & BRO., DAYTON, O.



Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works,
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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address

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PIPE New 2-in. wrought iron, full lengths, with couplings, 8¾c per ft. Good serviceable second-hand, with threads; 4-in., 19c; 3-in., 14c; 2½-in., 10c; 2-in., 7c; 1½-in., 5¾c; 1¼-in., 3¾c; 1-in., 3c. Cast-iron, 4-in., 12c per ft. Also Old and New Fittings.

STOCKS and DIES New Economy, best made, No. 1, threads ⅛-in., ¼-in. 1-in. pipe. $3 00. No. 2, threads 1¼-in., 1½-in., 2-in. pipe, $4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in. to 1-in. pipe, $1.00. No. 2 cuts 1-in. to 2-in. pipe, $1.30.

STILLSON WRENCHES New 18-in., gripe ¼-in. to 2-in. pipe, $1 65; 24-in., gripe ¼-in. to 2½-in. pipe, $2.40; 36-in., gripe ½-in. to 3½-in. pipe, $4 75.

PIPE VISES New, No. 1 Hinged gripe ⅛-in. to 2-in. pipe, $2.

GARDEN HOSE New. ¾-in., guaranteed 100 lbs. pressure. 7½c per ft.; ¾-in., not guaranteed, 4¾c per ft.

HOTBED SASH New. Cypress 3 ft. x 6 ft. from 70c up. Glazed, complete, from $1 60 up. Second-hand, as good as new at $1.25 and $1.00 each, complete.

GLASS New American, 50 sq. ft. to the box: B single, 10x12, at $1.70; B double, 10x12 and 12x12 at $2 40; B double, 12x14, 12x16, 12x20, 14x14, 14x16, 14x20, 16x16, 16x18, at $2 60; B double, 16x20, at $2 80; 16x24 at $2.95. Second-hand, single, 10x12, at $1 40 a box.

RADIATORS Steam, good as new, 15c per pipe.

WRITE for our price on Gulf Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Points, etc.

METROPOLITAN MATERIAL CO.
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PEERLESS SULPHUR BLOWER
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.

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IT WILL GIVE A HEALTHY GROWTH TO
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FOR SALE
2 Hot Water Boilers

capable of heating 5,500 feet each of 4-inch pipe, as good as new. Apply or write to the

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To write to the
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For estimates on
Ventilating Apparatus,
Pipe Carriers,
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Richmond, Ind.

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That is how long it takes a
WITTBOLD.... WATERING SYSTEM
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Louis Wittbold, 1708 N. Halsted St., Chicago

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New Greenhouse Catalogue
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G. L. GRANT, EDITOR AND MANAGER.

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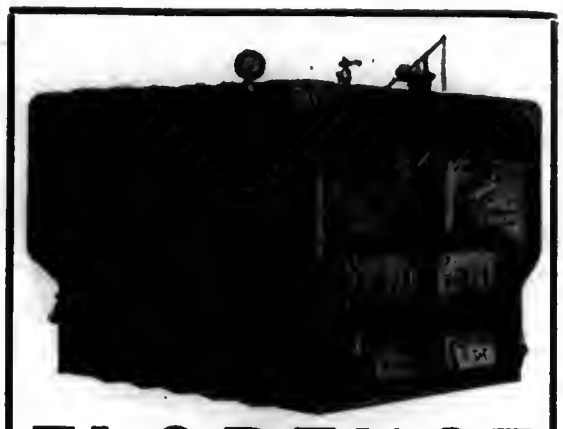
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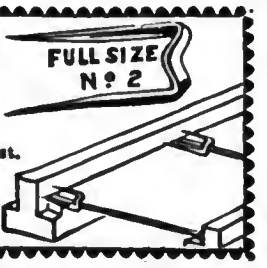
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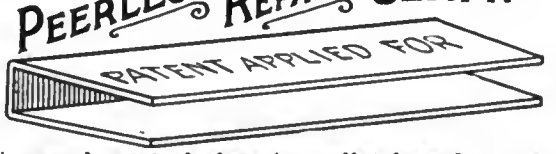
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FLORISTS' REVIEW

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FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, AUGUST 3, 1905. No. 401.

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MISCELLANEOUS SEASONABLE HINTS.

Harrisii Lilies.

The Bermuda lilies are arriving and there should be no delay in getting them potted. If 5 to 7-inch bulbs put them into 5-inch pots at once. If they are 7 to 9-inch bulbs they can go into 4-inch pots and later be shifted into 6-inch, but if you have plenty of room this is unnecessary labor and they can at once go into the pots they are to flower in. We like to stand them on ashes in a cold frame, with their pots touching, and after one good watering cover the whole surface with one inch of well rotted manure. This will keep them from drying out continuously and when the leaves appear above the mulch they will be sufficiently rooted to bring into the houses. It is well to have them in a frame. In case of frequent heavy rains they can be protected.

It is well to have a good, big batch of these lilies, for there are few more profitable crops. The 5 to 7-inch bulbs will cost you, perhaps, 4 cents and if they only average three buds at wholesale they should return you 30 to 35 cents. Think what little room they take up.

Lilies like a nice, sandy loam with a fifth of manure, but not fresh manure. Old hotbed compost suits them well. That you could use to one-third the bulk of the fresh loam. If you were making a lily bed for the flower garden you would put the bulb six inches under ground, and so you would a hyacinth, but that does not work in forcing; they do best when the top of the bulb is just even with the surface of the soil in the pot.

Begonia Lorraine.

From now on the young plants of Begonia Gloire de Lorraine will be making a free growth and the stronger young plants can be shifted into 4-inch pots. Manage to shade these during the hottest hours with a lattice shade that can be removed after 4 p. m. and not used at all during dull, cloudy days. Keep the house humid by wetting down the paths and beneath the benches, but do not wet the foliage of the begonias.

Freesias.

Freesia refracta alba is with us again. Grand bulbs of this sweet flower are now sold very cheaply. It is well to have some from fall until late spring. The best freesias I have ever seen were planted on a bench in rows about four inches apart and two inches between the bulbs. This may not be convenient and they can be grown very nicely in flats four inches deep, the flats stood in cold frames until the growth is well developed. Unless you are a grower for the wholesale market you do not want a great lot started at once, but say 500 or so started every two weeks. The quantity will all depend upon your market for them.

Some beginners make the mistake of treating the freesia as they would a tulip or narcissus. It is not a bulb but a corm and only wants pressing into the soil just out of sight and no more covering is wanted and it is surprising how many can be grown in a small space. Last winter we noticed some splendidly flowered 6-inch pots of freesias. There were fifteen corms to a pot.

Asparagus Sprengeri.

Now that you have your roses planted, is there no place beneath the gutters or at the sides or ends of the houses where you can stand a lot of deep boxes planted with the useful Asparagus Sprengeri? This is such a tremendous feeder that it is soon exhausted in an ordinary bench and after one good picking you do not get much more. We utilize old glass boxes for the purpose, making them two feet long, six inches wide and eighteen inches deep, filling the boxes firmly with heavy loam, and with a third of rather fresh manure and putting three asparagus plants in each box. The deep soil suits them and so does the rose house temperature. We are never overdone with nice sprays. It goes well with any flower. These boxes will give you a cutting for two years, but if you want best results you cannot overdo it the second year with liquid manure.

WILLIAM SCOTT.

RIVERTON NOTES.

Modern journalism demands wealth of circumstantial detail. We are told in a full column account of all that the Hon. Elihu Root said and declined to say when he was asked about his letter to Mayor Weaver, of all that he did, and probably we would have been told of all that his family did, only unluckily they were not in Washington and so could not be reached.

The standard of the horticultural press is in its way quite as high as that of the dailies. Its readers want to know what is doing and they want to know it promptly. So, as the convention is to meet in Washington in a few weeks and many delegates will, it is hoped, spend a few days there in passing, the REVIEW instructed its representative to run down to Dreer's and look about.

That glorious July afternoon the Dreer place smiled its ever-cordial welcome. It was at its best, clean, neat, orderly, not a trace of the heavy spring rush left. Planting, cultivating, shifting, cleaning, spreading, all complete right up to time. This was evident everywhere, in the houses, benches and fields. Anyone who has tried, even on a small place, to keep up with the work during



J. D. Eisele, Vice-President H. A. Dreer Co.

the spring and early summer knows how extremely difficult is the task.

To leave generalities, first came a stroll through two or three dozen houses. Imported Kentia Forsteriana in neat little tubs were very attractive. They are shipped from Europe in the tubs, which are very light; the plants seemed to thrive in them and, of course, carried better. These were fine decorative stock.

Nephrolepis Scottii continues in great favor. The stock is very large and in excellent condition. It is an accepted axiom that it does best in the full sunlight, the growth being stockier and more rapid. When the plants are finished a little shade seems beneficial to color them. Unlike the Boston fern, they appear to do well when potted from the bench.

Harry C. Sim, the clever grower of hardy plants, gave the visitor a kindly welcome and the pair went outside to see the perennial phloxes. There were enough in flower to give a very good idea of the colors and shades of color of some of the leading early varieties. The great mass of young stock will not be in bloom until August. It will make a grand show during convention week and this alone will be worth going miles to see. Fancy two fields of perennial phloxes, aggregating 125,000 plants, a great majority of them in bloom, all correctly labeled and the colors side by side, inviting comparison. Is not that enough to stir the blood of a true gardener?

After looking at the delphiniums the pair strolled out to see the cannas, where they were overtaken by J. D. Eisele. Men are only grown-up boys and I must confess to a boyish feeling that when I met Mr. Eisele he would climb upon a pedestal and say "see what I have done," but Mr. Eisele never does this. He just says how glad he is to see you and makes you feel it is so. He never seems to remember that he has forgotten more about plants, which isn't very much, than you are ever likely to know, but meets you on a footing of equality, very gratifying to one's amour propre.

There was a great deal of interest to talk about as we walked through the acres and acres of hardy perennials, looked over the long frames full of thrifty young ferns and took a hasty glance at the splendid assortment of kentias in all sizes. I noticed especially Mr. Eisele's comment on Nephrolepis Barrowsii, which he thinks will take the place in crested ferns that N. Scottii is taking among the plain-leaved varieties.

I could go on indefinitely about the beauties and the interests of this wondrous place, but how much better it would be for you to see it for yourself and to meet and learn to esteem the men who shape its destinies.

PHIL.



NOTES ON THE NEWER KINDS.

It is always interesting to see how the new additions to the collection behave and a few brief notes as to the behavior of some of the current novelties will not be amiss.

Mrs. William Duckham was perhaps the most widely disseminated of all the new kinds and reports from everywhere indicate that it is making a splendid growth, a large batch that I noted on a private estate last week in Connecticut being, I think, the finest lot of plants I ever saw. It is kind and free-growing everywhere I have seen it and I predict that it will become a very popular variety.

Another yellow that has been largely planted by commercial growers and is being watched with much interest is Merstham Yellow. The chief merit of this variety is its earliness and those growers who want to get the benefit of its earliness should not fail to remember that the early bud should be secured. The first bud that shows after about August 8 should be taken, because it is a physical impossibility, after waiting for the last bud in September to expect to cut flowers by October 1. The average bud needs at least eight weeks to come to maturity, many crown buds longer than that, so that the necessity for taking the early bud is patent to the veriest novice.

Merstham Yellow I believe will fill a large place in the market when it is generally distributed among the trade. The habit is dwarf and ideal and, while foliage and stem are ample, they are not so strong as not to permit of its being planted fairly closely together, which is quite an important point in commercial culture.

White Mrs. Coombes seems to be giving good satisfaction, as was to be expected from its parentage, and so is also Jeannie Nonin. The latter variety should be a serious rival to Eaton, for it is apparently an equally strong grower and, as shown before the committees last year, is without Eaton's coarseness.

Emily Mileham, a reflexing white, is also making a very fine growth and I look to see some grand flowers staged this fall of this variety. Mileham does not come in conflict on the boards with any other variety, as Merza is in another class and Mrs. D. V. West, another novelty, is almost the only one that is likely to be competing against it.

J. H. Doyle has not done so well as it might in some sections, but other growers are rounding it up in great shape. Doyle evidently wants a long season of growth, as it produces buds frequently and keeps very dwarf on that account. Doyle will never have a place beyond being an exhibition flower, but I look to see it very prominent in the shows this fall.

Mrs. J. A. Miller is making fine growth everywhere, so far as reported, and shows ideal foliage and stem; in fact, none of the new kinds this year show any sky-scraping tendency, due somewhat to the fact that any seedling that shows a predilection for running too high is destroyed before it flowers by many of the present day hybridists.

Valerie Greenham I fear must be discarded. A peculiar fungoid disease has appeared on it, which is injuring the young foliage and crippling the plant so much as to make it almost worthless.

Brighthurst and Mrs. H. A. Allen are both growing nicely and should render a good account of themselves.

It is perhaps early to say definitely, but from present indications there will be lots of fun at the exhibitions later on.

CHARLES H. TOTTY.

PINCHING.

Will you kindly tell me when is the proper time to stop topping pot chrysanthemum plants? T. H.

Plants should not be topped again, the last week in July being about as late as pinching should be practiced. If pinched too late the flowers are small and the stem too short, particularly in the case of Ivory, Pacific and other dwarf



Roller Chair Decorated by J. J. Habermehl's Sons for Atlantic City Parade.
(American Beauty chair for Royal Palace Hotel.)



Roller Chair Decorated by J. J. Habermehl's Sons for Atlantic City Parade.
(Pink sweet peas were used, the canopy of La France roses.)

varieties. The correspondent does not say whether he refers to exhibition or market plants, but in either case do not pinch any more and stake up the shoots in good season to prevent their being broken. C. H. T.

DECORATED CHAIRS.

The roller chair parade is an annual event at Atlantic City. Lavish decoration is practiced by the many firms which are represented in the parade. The accompanying illustrations show the work of J. J. Habermehl's Sons, of the Bellevue-Stratford, Philadelphia.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the REVIEW's page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

Aug.	5—St. Paul	Southampton.
Aug.	5—Finland	Antwerp.
Aug.	5—Konigin Louise	Naples.
Aug.	5—Patricia	Hamburg.
Aug.	5—Umbria	Liverpool.
Aug.	8—Kaiser W. der Gross	Bremen.
Aug.	9—Potsdam	Rotterdam.
Aug.	9—Oceanic	Liverpool.
Aug.	10—La Gascogne	Havre.
Aug.	12—New York	Southampton.
Aug.	12—Vaderland	Antwerp.
Aug.	12—Lucania	Liverpool.
Aug.	15—Prinz Oscar	Naples.
Aug.	15—K. Wilhelm II	Bremen.
Aug.	16—Noordam	Rotterdam.
Aug.	16—Majestic	Liverpool.
Aug.	17—Moltke	Hamburg.
Aug.	17—Barbarosse	Bremen.
Aug.	17—La Bretagne	Havre.
Aug.	18—Cedric	Liverpool.

WARSAW, N. Y.—H. S. Baker is putting up a new greenhouse 20x65 feet.

CAPE FLOWERS.

The gathering, drying and packing for export cape flowers (Helichrysum grandiflorum) constitutes a very important industry in Hermanus, Stanford, and one or two other villages and hamlets in the division of Caledon, on the southwest coast of the Cape Colony in South Africa. The area over which these flowers grow is limited to this corner of the colony, and the whole industry is monopolized by two or three men, who partly own and further lease the right of gathering, and who have erected extensive buildings for drying and packing the flowers. These are locally known as "flower-houses," and their strange gaol-like appearance, with large sheets of perforated iron substituted for ordinary windows, to insure a constant draught, greatly puzzles the uninitiated as to their origin and use.

During the season such enormous quantities of these everlastings daily come in from the veld—borne not only on the heads of women and children, but in bullock wagon loads at a time—that, especially in such an exceptionally good season as we had in 1903, these flower-houses prove quite too small for the purpose for which they were erected; so that in order to obtain the necessary drying space every available loft in the place is hired, the price paid varying from 5s to £1 per month per loft.

Having only within the last six months taken up my abode at the lovely and popular seaside resort of Hermanus, and knowing nothing previously of this curious industry, I was not a little surprised when abruptly asked by an agent of the monopolizer of the industry in these parts, whether I would mind letting my loft for fifteen or twenty days. Not caring to have my privacy invaded, I at first strongly objected, and only consented after having ascertained that almost every loft in the town—containing about 120 houses—was hired, and most of them already full of these flowers.

On the following morning at break of day I had already cause to regret my bargain, as, roused from my slumbers by men noisily emptying sackfuls of the flowers over my drowsy head, I tried to imagine the feelings of one buried alive, with wreaths of these same immortelles rattling on his or her coffin! It was a grnesome thought, but which I found a difficulty in dismissing. So that literally as well as metaphorically I had a sad awakening—an awakening that is, alas! repeated daily, when at dawn of day I and my wife are aroused from our slumbers by two or three niggers, armed with long wooden hoes, scraping the flowers about directly over our sleepy heads; and this despite the assurance that the flowers would only require "two



Roller Chair Decorated by J. J. Habermehl's Sons for Atlantic City Parade.
(Gladiolus chair drawn by butterfly, peas and roses in canopy.)

turnings over,'' and that we should not be disturbed.

I had frequently passed the ''flower-house''—situated in one of the main streets of Hermanus—and had been told, in answer to my inquiries, why it was thus called, and for what special purpose it had been built; but as it was always locked and empty (save when the local musical society occasionaly held a concert in it for some charitable purpose) I had concluded that the one-time flourishing helichrysum industry had met the fate of many similar ventures and come to a bad end, unaware that the whole business, upon which a few men had grown wealthy, was carried on only during the months of November and December.

Although I have had experience enough and to spare of the drying process, I find it difficult to get information respecting the business side of this industry. In reply to my inquiries I have been politely told that the prices given and obtained were ''business matters''—affairs of Egypt, in fact, and not communicable. I know, however, that the price paid to the gatherers—who pluck the flowers with about an inch of stem attached—is only 1s 6d per three-bushel bag, the contents of which, when dried, would probably weigh thirty pounds. I have also been assured by a man whose father was one of the pioneers of this industry that some twelve or fifteen years ago these flowers sold in Cape Town for £1 sterling per pound! It is well known that this same pioneer was a comparatively poor man upon his entering upon a lease of a farm on which these flowers grow in great profusion, and that after a few years' tenancy he purchased the farm for £6,000, being mostly money made out of everlastings! From all I can glean they now fetch on the European continent from 5s to 10s per pound. They are exported through a German house in Cape Town, and go to Hamburgh in the first instance. Messrs. Haage & Schmidt, of Erfurt, a wholesale seed house, used to do a large trade in these flowers, selling the best quality in white as imported, and dyeing the inferior or off-colored flowers in the endless series of aniline colors.

For carefully collected seed of the helichrysum as high as 10s per ounce has been paid to the collectors. This was sold—''at a good profit,'' says my informant—to Vilmorin & Andrieux, of Paris, under agreement to let them have a monopoly of the gathering. Hence, presumably, these flowers are now produced under cultivation in the south of France, and this may account for the decline in price here.

The hugh snow-white heaps of these flowers in the packing house are a most entrancing sight. They are packed for export in large paper-lined boxes, made specially for the purpose. Every layer of flowers of a foot or so deep is pressed down by boards and weights, by which means about 100 to 130 pounds weight of flowers is got into one of these large boxes. They are conveyed by bullock wagon to the nearest railway station (some twenty miles off) en route to Hamburgh via Cape Town.

A gentleman who has for some years past been engaged in the everlasting flower industry, and who, besides possessing in his own right extensive properties, has acquired concessionary rights for gathering these flowers over many other farms, has recently sold such rights to a syndicate for the sum of £45,000 sterling! This fact serves to convey some idea of the extent and value of this curious industry.—S. A. Deacon, in Gardeners' Chronicle.



WATERING.

During the period when growth is most rapid the plants require copious supplies of water to reduce the food to an assimilable condition and particular pains should be taken to keep the soil supplied with the requisite amount of moisture to effect this purpose without causing any sogginess.

The first condition required to enable us to perform the operation effectively is to have the drainage as perfect as possible, for without this even the most skillful cannot bring about good results, and with the drainage perfect there is less danger of the careless or incompetent endangering the crops.

A careful examination of the condition of the soil should be made previous to applying the hose and all dry spots noted and toned up before the general watering, so that the whole mass may be equally moistened.

The art of watering with the hose is only learned after long practice and observation and is one of the most difficult to describe, for more can be done in a short object lesson than in columns of directions. Some young men acquire the art very quickly, while others with all sorts of lessons never seem to master it, possibly because they have never troubled themselves to find out the reason why they had to use water at all.

If the house needs syringing care must be taken not to moisten the bench too much when watering, as the subsequent syringing may cause the soil to become saturated, a condition which should be carefully avoided, especially where Beauties or other varieties which are susceptible to black spot are concerned, as this condition causes a chilling of the feeding roots and a consequent stagnation of sap, reducing the vitality of the plants.

During cloudy or chilly weather it is safer to allow the soil to become rather dry and keep the surface well stirred than to run any risk of giving more water than the plants can use, just keeping the soil mellow enough to keep the plants from suffering.

By carefully studying attending conditions and quality of soils, some of which are much more retentive of moisture than others, the requisite supply to keep the plants healthy and growing can soon be gaged and success attained. Ribes.

MANURE.

I am about to plant a house of roses and cannot secure any cow manure and would ask if you could advise a substitute? Can I count on any success, not having any cow manure? The plants are in 3½-inch pots and growing nicely at present. H. B. S.

When cow manure cannot be had, well decomposed horse manure is a good substitute, especially where the soil is of a heavy, clayey nature.

It is well always to bear in mind that there are different grades of horse manure, the best quality being that produced by grain and hay fed animals, the poorest that which is produced by animals fed on brewery products.

The manure should be thoroughly incorporated with the soil and should be turned over a few times before using to prevent heating in the bench. By handling the compost in this manner, and applying good cultural methods, there is no doubt but that satisfactory results will be achieved. Ribes.

DRAUGHT ON ROSES.

In the Florists' Manual we read: ''From the time roses are planted till frosts occur they cannot possibly have too much ventilation.'' Are we to understand that ventilators and doors may be left open day and night, or in other words will a draught from an open door or ventilator during the warm days of summer cause mildew?

J. W. M.

This question enters into the most important part of rose growing, or at least their management. In saying that roses cannot have too much ventilation, I should have written ''till you begin to fire.'' I certainly did not mean by ventilation that you could leave the doors open, either night or day. We remember very well some years ago looking through the houses of a first-class rose grower in the city of Philadelphia. As I was the last of a small party to enter a house of Bridesmaids I was about to close the door and the proprietor said, ''Never mind the door.'' This was in early October. I did not notice any mildew. This would not do for western New York.

Mildew is caused or produced by several conditions. Extreme heat, a chill after being kept steadily at 58 degrees at night to drop to 48 degrees for a few



P. A. Chopin, President New Orleans Horticultural Society.

hours. A draught is one of the most fruitful causes of mildew. Man, beast nor plant do not like draughts. A man can work outdoors at 10 below zero and warm his feet every ten minutes in ice water, as the writer has done for days in succession, and gain nothing but a splendid appetite, but let the same man sit ten minutes in a draught, however warm the day, and a bad cold quickly follows. The spores of the rose mildew are ever present, but do not find a lodgment as long as the plant is robust. Directly there is loss of vitality from any cause the spores of the mildew find a field in which to vegetate. No, by no means leave doors open.

We have thought and talked a good deal the past five or six years on the summer treatment of these tea roses. That little advice was meant to guard against what would seem a proper practice of shutting up the houses on a cool night when you have no fire heat. It seems right, but it is wrong. Without fire heat, and the houses closed tight, there is a dampness that settles on the foliage. You can see it in the morning by the glistening dewdrops on the edges of the leaf. If this is continued four or five nights in succession you will not only have mildew but a worse disease than mildew, a dropping of the foliage, first the very youngest leaves, spreading to the mature foliage and finally to the young shoots. We have seen this occur in September and again in May, when we were foolish enough to let out the fires and shut up the houses.

Now it may not be necessary, or wise, further south, but in northern New York and the lake region the surest way to produce good roses is never to let your fires out the entire summer. We have a week of weather when no artificial heat may be needed, then will come a night or two cool or cool and wet. Then it is with a little steam on that you can shut up, or, if rainy but warm, use both steam and ventilation. During the month of August and the first half of September if it goes down to 45 degrees outside and you cannot fire, then a few inches of ventilation will dispel that dampness which is much more dangerous than a low temperature. W. S.

Fremont, O.—W. T. Belding is building a greenhouse and starting in business.

P. A. CHOPIN.

The New Orleans Horticultural Society, which has enjoyed a very prosperous year under the presidency of Harry Papworth, has chosen another of the new school of florists as his successor, P. A. Chopin, one of the younger members but one of push, under whose guidance the society will make still further progress and become still more widely influential in all matters affecting the welfare of trade.

Mr. Chopin is the exemplar of the modern New Orleans, as his father was of the old, for he is the son of the late Gustav Chopin, a pioneer florist of the Crescent City. He was born in 1874 and as a youth determined to follow his father's profession. He acquired the education of the local schools and then went to Europe to study horticulture, spending several years at well-known trade centers. Returning to New Orleans, he started in business for himself and has just completed one of the finest retail establishments in the south, at Eighth and Magazine streets. He is a firm believer in the future of New Orleans and sees no bounds to trade possibilities. He is a member of the board of park commissioners and also is a member of the Louisiana Field Artillery, in which he commands Battery E.

For three years Mr. Chopin has been a member of the Society of American Florists. He attended the conventions at St. Louis, Milwaukee and Asheville.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Richard F. Gloede, Evanston, Ill., submits for registration zonal geranium Kenilworth; growth and habit tall and robust; flowers single, dark scarlet; foliage large and leathery; seedling, three years old. Also zonal geranium Illinois, sport from Beaute Poitevine, semi-double, identical with the parent in every particular with the exception of the petals, which are irregularly toothed and somewhat larger than in Poitevine, and the blossoms are more widely open.

Wm. J. Stewart, Sec'y.

The Washington Florists' Club, being especially desirous that all convention



Store Front of A. Gude & Bro., Washington, Photographed at 2 P. M. July 25.

visitors be introduced and made acquainted with each other has appointed from its reception committee a special committee on introduction, consisting of Geo. C. Schafer, Chas. Henlock and Franklin A. Whelan.

Traveling representatives of the S. A. F., appointed last winter, will kindly report at the Convention hall, reception committee room, on arrival in Washington, and are asked to be present and work with the above committee all of the first day and evening of the convention, to promote general acquaintance.

The following is the list of traveling representatives appointed by the president: J. R. Fotheringham, Paul Berkowitz, S. S. Skidelsky, B. Eschner, D. McRorie, E. J. Fancourt, A. Ringier, C. S. Ford and C. W. Scott.

Wm. J. Stewart, Sec'y.

NOT HOT IN WASHINGTON.

William F. Gude, Washington, D. C., writes: "The photograph of our store front (reproduced on page 551) was taken for no other reason than to show the florists throughout the United States that it is not too hot in Washington during July and August for persons to stand and look at a florist's window. This scene is a daily occurrence at 1214 F street, and you will see from the picture that none of the people seem uncomfortable or very warm. This picture was taken between the hours of 1 and 2 p. m. on Tuesday, July 25, 1905."

GERANIUMS.

Will you please let me know when I should slip geraniums so they will bloom or bud a week before Decoration day? Please let me know what to do for the little white flies under all the leaves. I have tried everything. J. G.

Supposing your stock plants are planted out, which they should be, for you get best cuttings from outside plants, then take cuttings from the first to the middle of September. I advise as early as this because it gives the plants time to break and give you another crop of cuttings before the old plants are injured by severe frost. No matter whether you take the cuttings the first of September or first of October, they should be anxious to flower the end of May.

Root the cuttings in 2-inch or 2½-inch pots. Pot firmly and keep them in the sun. Water thoroughly the first time; after that only when they are quite dry. We shift into 3-inch pots soon after New Year's and again into 4-inch as soon as we can after April 1. About the first of February we get a cutting from the top of each plant. If not large enough to give us a cutting, then just nip out the last joint to encourage lateral growth, which makes a branching plant.

Our plants never fail to be a mass of bloom on Memorial day, or a week before, and it is always surprising to hear of the zonal geraniums not flowering. Too much animal manure, too much shade and loose potting are the principal reasons for the failure to flower in time.

Some varieties are more precocious than others. Two splendid varieties, S. A. Nutt and Mrs. F. Perkins, have a tendency to flower when quite small. When you move over the plants on the bench, which cannot be done too often, you should pinch off all buds until the first of May.

Some large geranium growers dispense with the shift at New Year's and keep the little plants in 2½-inch pots until the middle of February and then shift into 3½-inch. This plan makes amply good bedding plants. Bone meal at the last shift is much better than animal manure, a pint to a bushel of loam.

W. S.



CARNATION NOTES.—EAST.

Benching the Plants.

Weather conditions in Connecticut have been such that carnation plants are in prime shape to house. The hot weather and infrequent rains have brought about a hardy growth, making the tissue firm and less liable to wilt than if rains had been abundant. This is very desirable, as plants establish quickly, making it possible to discontinue shading and syringing in a short time.

From the time plants are lifted until well under way no detail, however small, should escape attention. The main points are to allow the roots out of soil the least possible time, plant thoroughly, avoid draughts, supply no more water at the root than is absolutely necessary and syringe cautiously.

Now, a word about thorough planting. I will venture the statement that more plants are lost or rendered worse than useless by careless planting than by any other cause. With practice one can plant rapidly and still be thorough, but better be a trifle slower than to allow any carelessness to enter into the work. No amount of coddling, petting or special treatment will offset slipshod planting.

Should the bench soil become dry before ready to begin work, wet down the afternoon before, not to the point of saturation, but just so a handful, when squeezed into a ball, will retain its shape when released. Keep those of a size together, maintain straight rows across and lengthwise the bed to facilitate supporting and keep a few plants ahead of the planter.

Make a hole with the right hand, removing a handful or two of soil, allowing it to remain loosely near the edge. By a circular movement of the same hand in the hole form a small hill, rising to within about an inch of surface level. Meanwhile the left hand has grasped the plant, whose root system should be arranged to fall over the hill, the different branches radiating in every direction. Draw in about one-half the loose soil, move the plant slightly to sift soil among roots, cover with the remainder, press firmly and the simple deed is done.

The depth of the hole and its width will necessarily vary according to quantity of roots and the size of the small hill must be made to correspond with the neck of the plant.

The above procedure applies when the plants are lifted without soil adhering. If cuttings were potted in 2-inch and shifted to larger pots many plants can be taken in with the ball intact, when little arrangement of roots is necessary, but in spite of all care a large portion are often free from soil.

I am not in favor of lifting with a large ball to be transferred to the bench, preferring rather that most of the field soil be shaken off, thus giving the roots contact with fresh soil.

When from fifty to seventy-five plants are benched water enough to settle the soil but do not saturate the whole bench, as was the former custom. Apply directly around the plant. When settled cover lightly with loose soil to conserve moisture.

Several syringings daily will be needed and should be applied in the form of a mist. Aim the hose high in the air, keeping the thumb or finger in such position that the desired mist will fall lightly from above.

Early Planting.

I am not one to discourage early planting. On the contrary, I am an earnest advocate of the practice. At the same time there is such a thing as overdoing the matter by making no allowance for peculiarities of different varieties. Plan to get those of slow growth and impatient of disturbance at root, in first. Many of the quick-growing sorts are better off another two weeks in the field.

It is hoped that it is needless to mention the advantage of potting a few of each variety for use in replacing those which for any reason go wrong.

George S. Osborn.

CARNATION NOTES.—WEST.

Shipping Field-grown Plants.

If you have to buy any plants to finish planting your beds find out what you are going to need and order them at once. You do not need to wait until you have all your own plants housed to do this. You can size up your own plants, and you can figure to the single one how many your beds will hold. If you only plant a house or two you can count the good plants one by one and it will pay you for the little time it takes.

It does not pay to plant any runty plants of standard varieties when you can buy good plants as reasonably as they are offered these days. If you will just stop to think that it only takes from two to three blooms to pay for the plant and that a good, strong, healthy plant will produce from five to ten blooms more than a runty plant you will see which pays best.

When I say a runty plant I mean one that is diseased or very much undersized and stunted. Any plant in good health, even though it be a little below



Employees of the George Wittbold Co., Chicago, on Their Annual Picnic, July 22, 1905.

the average in size is in most cases preferable to a shipped plant, even if it is shipped only a short distance. There are many reasons for this, but I will give only one or two. When a plant is shipped it is usually out of the ground from two to four or more days, a bad thing for the plant. They are crowded in a box and constantly moist, giving fusarium fungus a splendid chance to start. Very often the boxes are left in the sun by the express company, and more often in the draught, all of which will have its effect on the plants. Then again, the grower from whom you buy the plants may have a very different soil from yours, and if your soil is less favorable than his, the plants will not take hold as readily as those that have been growing in the same soil. But nevertheless, plants are shipped long distances and give profitable crops. Don't plant poor stock and don't leave any space vacant.

Get the plants as early as you can. The chances of overcoming any unfavorable conditions will be much better if they are planted early than if planted late in the fall. If the distance is not great it will pay you to have the plants shipped with a ball of earth about the size of a goose-egg attached to the roots. Unless you order them shipped this way they will usually be shaken clear of all the soil, which of course is preferable in case of long shipments. The soil will make some difference in the express bill, but it will pay you.

When unpacking the plants notice whether there has been any heating or drying along the edge of the box. In either case dip the plants into a pail of water and in any case get them planted as soon as you can. These plants will need closer shading and more frequent syringing than your own plants; in fact they will need closer attention in every way the first week, after which you can handle them the same as your own. They will continue to look wilted on bright days longer than your own plants and a very slight spraying at such times will help them. They will also lose a little more of the foliage than your own, but otherwise they will soon adjust themselves to their new surroundings and do well if considerately handled.

A. F. J. Baur.

TEMPERATURES.

We have two houses running east and west, with two benches each about 6x65 feet. We want to use these for carnations and have the following varieties: Lawson, Mrs. Nelson, Flora Hill, Norway, Prosperity, Inc, Enchantress, Roosevelt, Harlowarden, Estelle, Boston Market, Peru and Eldorado. Which varieties will do best together?

K. & M.

I will merely give you the temperatures best suited to the varieties you mention and you can arrange them on your benches, as you know best how your houses run in regard to heat. But be sure you plant Lawson and Enchantress where you can shade them in the spring, on account of fading the blooms. Also be sure that Enchantress, Peru and Harlowarden have plenty of headroom as they will grow three feet and over in height. Lawson wants 54 degrees, Nelson 50, Flora Hill 52 to 54, Norway 50, Prosperity 52 to 54, Mrs. Ine 52, Enchantress 50, Roosevelt 52, Harlowarden 50 to 52, Estelle 52, Boston Market 52, Peru 50, Eldorado 52.

A. F. J. Baur.

NOT GOOD.

Will cuttings of carnations made from the tops of field plants make stock that will be of any consequence, in other words, the toppings of the carnation plants?

H. G. F.

The toppings from carnation plants are never good for anything if the topping is done properly. We have seen them used for cuttings early in the spring, from new or scarce varieties, but always with indifferent success. In those cases the tops were not allowed to lengthen out as they should have been, and usually more harm was done the young plant than what good could come from the cutting. This could not be done with the plants in the field, even if you were to take off the tops before they begin to run up. You could not root them on account of the heat, and even if you did succeed in rooting them, what would you do with them? They would not produce any blooms this winter, and as for young plants in the spring, they would not do at all. If you want extra-size plants in the spring you can get them by taking a batch of cuttings from your inside plants early in November and by potting them on as they need it you can get them into 4-inch pots by May, and bushy plants, too. So don't waste your time on these toppings. A. F. J. Baur.

CATALOGUES RECEIVED.

H. F. Michell Co., Philadelphia, bulbs, plants and supplies; August Rolker & Sons, New York, Fromow's English nursery stock; Mynders Bros., Lisse, Holland, bulbs; Chase Rose Co., Riverside, Cal., roses; A. N. Pierson, Cromwell, Conn., palms and ferns; The Edgecombe Co., Indianapolis, pipe-joint filler.

MASSACHUSETTS GARDENERS.

R. W. Patterson, of Lenox.

This is one of the newest places in Lenox. There are a fine lot of greenhouses constructed recently by the Pierson-Sefton Co., their "U" bar being used. This gives a maximum of light at all seasons; we thought it a little too glaring under a fierce July sun. A roomy span-roofed house to be used later for fruit trees in pots and tubs was filled with chrysanthemums, all very strong. Competition will undoubtedly be keen in Lenox this fall. Grapes fill one house and are carrying their first crop. Two divisions are occupied by nectarines and peaches, which were cropping nicely. Carnations were already housed. Several divisions were filled with melons. An imported variety which Mr. Proctor, the head gardener, has dubbed Caledonia, after his native land, is held in the highest favor. Orchids have two divisions, mostly cattleyas, with a number of Oncidium varicosum Rogersii and calanthes. Roses, palms, begonias, gloxinias, etc., were seen in other divisions. A very nice conservatory, carpeted and used as a sort of drawing-room at the mansion was arranged with a nice assortment of seasonable flowering and foliage plants. Mr. Proctor had everything in good shape on this estate.

W. D. Sloane, of Lenox.

This is the most extensive of the Lenox estates, about 100 hands being employed

in the gardening and farm departments. There are some thirty greenhouses constructed three and a half years ago by Hitchings & Co., of the most up-to-date types. Palms and foliage plants, many of large size, occupy two large and lofty houses. Another is used as a stove house. Roses all looked in splendid condition. Several houses are devoted to them. Beauties were splendid. Liberty, five years old, was in grand shape. Quite a few Richmond are also being tried. Several other standard varieties are grown. Carnations are all grown inside and F. Heeremans, in charge of the garden department, G. T. Philcox being general estate superintendent, says this is far the best method of culture. Certainly all his plants looked remarkably vigorous, the best we had seen in our travels.

Gardenias are prime favorites. A batch of 1250 G. Veitchii had just been shifted into 4-inch pots and there were more to follow. As many as 300 blooms per day are sometimes cut in the height of the season. Crotons, dracænas, acalyphas, caladiums and other fine foliaged plants are grown in considerable numbers. Orchids occupy one house, cattleyas, Vanda cærulea, Oncidium varicosum Rogersii, phalænopsis, calanthes and cœlogynes being mostly grown. Chrysanthemums, grown to single stems, looked first-class. A house of grapes carried very fine bunches, Black Hamburg, Muscat of Hamburg, Muscat of Alexandria, Gros Maræ and Lady Downes' Seedling having splendid bunches. Two divisions were planted with nectarines and peaches, most of the first crop having been gathered. Figs are grown in pots and tubs and were fruiting freely, especially Negro Largo. Lister's Prolific was the favorite tomato under glass, carrying medium-size, firm fruit of a bright red color. Several houses are given up to melons. Emerald Gem and Nonsuch are the sorts grown. Mr. Heeremans considers the latter rather the better sort.

Very large quantities of annuals and perennials are grown for cutting. A big bed of Nicotiana Sanderæ in bloom did not fill one with enthusiasm for this novelty, but Mr. Heeremans stated that grown in large pots it had been found quite desirable for piazza use. The general impression in Lenox seemed to be that this plant and the Baby Rambler rose had both been much overrated.

Charles Lanier, of Lenox.

Most of the greenhouses on this estate have been quite recently reconstructed by the Pierson-Sefton Co. and are excellent growing houses. A division of chrysanthemums looked very vigorous. Carnations were all being grown inside and looked well. A roomy palm house contained some very healthy and well grown specimens. Quite a number of orchids are grown, cattleyas in the largest numbers. An extra fine lot of that useful summer variety, C. Harrisoniæ, were in bloom. Oncidium varicosum Rogersii, cypripediums and calanthes are also well grown. A house of nectarines and peaches contained a fine lot of fruit. These form an arch down the center of the house, making a delightfully shady promenade. There are also paths at the side of the house.

A. H. Wingett, the able and genial superintendent, has just laid out and planted a large new flower garden. Gruss an Teplitz rose looked splendid, being a scarlet mass of bloom. In the rose garden proper, Crimson Ramblers grown as standards fill one large bed, the Baby Ramblers being grown underneath. The latter again had a bad color and seemed more spidery than any other rose. Owing to the long and severe winters hybrid perpetual roses are not well done in Lenox, but the beds of hybrid teas and ramblers were great successes. The views from Mr. Lanier's mansion are the finest in Lenox, the panorama of mountain, lake and forest being enchanting.

H. H. Cook, of Lenox.

This was the last place we found time to visit and we were fortunate in finding the superintendent, Geo. H. Thompson, at home. Here, as elsewhere, chrysanthemums were well advanced, a big houseful looking first-class. Roomy houses are devoted to roses and carnations. Palms fill one large house. A good many orchids are grown, such as cattleyas, Odontoglossum grande, Oncidium varicosum Rogersii, etc. We did not note any plants of the beautiful Miltonia vexillaria at any of the places visited. It ought to be of special value there as a summer orchid. Grapes are well done here, such varieties as Barbarossa, Black Hamburg and Muscat of Alexandria carrying heavy crops. A house of nectarines and peaches was also over the average. A heated shed for bay trees, which are used in large numbers around the mansion, contained several hundred Lilium auratum and speciosum, which would soon be in bloom. Outdoors hollyhocks were especially fine and free from the disease which has discouraged so many from continuing their culture. All the newest sweet peas were seen in the large kitchen garden, Gladys Unwin showing up well.

W. N. Craig.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

HAIL LOSSES.

The Hail Association of America has demonstrated its value to an unusually large number of greenhouse owners during the past year. Here is a full list of the losses paid from August 1, 1904, to August 1, 1905:

Chas. Ritter, St. Louis, Mo.	$ 9.08
W. H. Culp & Co., Wichita, Kan.	26.40
Frank Sachs & Son, Topeka, Kan.	3.60
J. R. Oughton, St. Louis, Mo.	15.30
J. E. Rodman, Topeka, Kan.	24.46
Hiram Hulse, Topeka, Kan.	27.79
Mt. Greenwood Cemetery, Mt. Greenwood, Ill.	$ 26.74
James Hayes, Topeka, Kan.	11.68
Frank Mesemberg, St. Cloud, Minn.	6.75
Kindler Floral Co., St. Cloud, Minn.	8.75
Joseph Krug, Alton, Ill.	70.92
Oak Grove Cemetery, La Crosse, Wis.	15.70
Irving Kimball, Champlin, Minn.	20.84
C. W. Nightengale, Hutchinson, Minn.	13.74
Elbert Corbin, Grand Island, Neb.	23.61
Anderson Floral Co., St. Cloud, Minn.	11.05
Brewster & Williams, Grand Island, Neb.	384.75
Z. K. Jewett, Sparta, Wis.	9.75
Pratt-Ford Greenhouse Co., Anoka, Minn.	75.60
E. C. Newbury, Mitchell, S. D.	198.24
Margaret Sweeney, Harrisburg, Pa.	729.32
H. Gronbeck, Mechanicsburg, Pa.	2.40
Miss Minnie Moore, Oregon, Mo.	11.33
Jacob Russler, Chicago, Ill.	45.75
W. B. Girvin, Leola, Pa.	10.59
F. Lestler, East Des Moines, Ia.	142.24
P. L. Larson, Fort Dodge, Ia.	136.41
Percy R. Walter, Wakefield, Kan.	23.60
I. W. Lozier, Des Moines, Ia.	394.70
H. R. Brown, Seneca, Kan.	3.78
August Mirring, East St. Louis, Ill.	30.80
S. Stough, Wichita, Kan.	31.59
C. P. Mueller, Wichita, Kan.	178.13
T. C. Hemphill, Wichita, Kan.	63.08
C. A. Rose, Wichita, Kan.	21.20
D. S. Hersey, Wichita, Kan.	9.06
I. W. Goree, Whitewright, Tex.	5.35
Wm. Shick, Wichita, Kan.	57.42
C. L. Shanks, Newton, Kan.	25.23
Henry Moore, Manhattan, Kan.	21.88
W. H. Culp & Co., Wichita, Kan.	202.90
Mrs. M. J. Helte, Merriam, Kan.	205.58
A. F. Thornhill, Rosedale, Kan.	11.30
F. Keuchenmeister, Wichita, Kan.	211.84
Wm. Shick, Wichita, Kan.	69.07
H. Roth, Lafayette, Ind.	144.66
J. N. Draper, Springfield, Mo.	351.04
F. Dorner & Sons Co., Lafayette, Ind.	366.10
Miss Janie Osborn, Paris, Tex.	3.40
S. N. Mehlin, Fergus Falls, Minn.	93.03
F. W. Ude, Jr., Kirkwood, Mo.	51.60
A. T. Lorch & Co., Dellaven, Pa.	5.67
M. A. Barlek, Seymour, Ind.	45.80
Will Austin, Geneseo, Ill.	73.30
Mrs. Chas. Schmidt, Winfield, Kan.	24.70
Ernest Heuschell, Webster Groves, Mo.	22.50
Joseph Toslni, Sioux Falls, S. D.	22.30
Paul P. Floth, Omaha, Neb.	64.20
Percy R. Walter, Winfield, Kan.	6.20
W. L. Rock Flower Co., Kansas City, Mo.	144.20
Samuel R. Faulkner, Omaha, Neb.	53.55
D. F. Hamilton, Kewanee, Ill.	454.68
Hess & Swoboda, Omaha, Neb.	71.67
Frank A. Wagner, Tiffin, O.	308.16
Alfred Donaghue, Omaha, Neb.	91.14
N. C. Hansen, St. Paul, Minn.	77.28
C. H. Green, Fremont, Neb.	29.09
Geo. Sorensen, Florence, Neb.	6.60
R. A. McPheron, Litchfield, Ill.	16.80
Chas. Ederer, Omaha, Neb.	44.33
C. L. Shanks, Newton, Kan.	30.03
Hinz & Co., Leavenworth, Kan.	348.95
Frank Sahan, Red Oak, Ia.	167.50
Lizzie O. Krebs, Cedar Rapids, Ia.	25.41
Karl Boll, Fort Madison, Ia.	11.80
Chas. Raynor, Anchorage, Ky.	23.31
Kring Bros., Fairbury, Ill.	6.55
Warrendale Floral Co., St. Paul, Minn.	43.24
John Stamm, Hutchinson, Kan.	986.16
J. F. Ammann, Edwardsville, Ill.	79.11
Wm. Krumm & Son, St. Joseph, Mo.	216.20
Bertermann Bros., Indianapolis, Ind.	42.75
C. Humfeld, Clay Center, Kan.	1,624.10
S. D. Brant, Clay Center, Kan.	1,156.50
J. M. Auge, Fort Madison, Ia.	2.75
E. H. Gilbert, Winfield, Kan.	45.68
W. H. Niver, Hutchinson, Kan.	19.05
T. L. Saunders, Cleburne, Tex.	23.80
C. M. Weaver, Paw Paw, Ill.	18.76
H. A. Dunker, Carrollton, Mo. (glass at Raton, New Mexico)	329.34
Brewster & Williams, Grand Island, Neb.	33.00
Kring Bros., Fairbury, Ill.	193.34
C. S. Meek, Mt. Vernon, Ia.	3.00
Ben Boldt, Harris, Colo.	1,747.10
W. Bezdek, Cedar Rapids, Ia.	11.70
Sarah E. Staton, Columbus, Kan.	17.00
E. H. Zimmer, Woodbine, Ia.	8.23
J. C. Steinhauser, Pittsburg, Kan.	71.86
Grant Newport, Cedar Rapids, Ia.	35.08
J. S. Boyd, Cleburne, Tex.	148.64
L. A. Glatigny, Sleepy Eye, Minn.	19.60
P. Finn, Carthage, Mo.	479.60
Felix Godard, Rosedale, Kan.	7.50
Francis E. Blake, Columbus, Kan.	82.00
Henry J. Crane, Toledo, O.	164.59
Lewis Ullrich, Tiffin, O.	252.66
Forest Lawn Cemetery, Omaha, Neb.	2.80
Polsey Floral Co., Wahoo, Neb.	102.90
E. A. Kuhnke, Toledo, O.	43.90
Joseph Labo, Joliet, Ill.	1,477.28
A. W. Crane, East Toledo, O.	118.38
Krueger Bros., East Toledo, O.	12.87
J. C. Fleischer, St. Paul, Minn.	73.04
E. M. Nugent, Columbus, Kan.	53.50
Lizzie O. Krebs, Cedar Rapids, Ia.	66.64
Joseph Vick, Cedar Rapids, Ia.	30.40
Irving Kimball, Champlin, Minn.	26.62
Christ Winterich, Defiance, O.	45.61
Palmer's Greenhouses, Cherokee, Ia.	49.30
The Cannon Floral Co., Lafayette, Colo.	441.00
Paul Paulsen, Omaha, Neb.	24.90
J. O. Zimmerman, Pueblo, Colo.	262.36
J. J. Thomas, Pueblo, Colo.	115.80
Mrs. L. A. Dunsmore, Denver, Colo.	2.15

J. C. Steinhauser, Pittsburg, Kan.	$ 48.04
Lee E. Dalton, Pueblo, Colo.	94.10
E. E. Weed, Pueblo, Colo.	53.30
O. G. McCormick, Logansport, Ind.	2.94
Mrs. Augusta Baker, Pueblo, Colo.	400.90
Wm. Laisle, Keokuk, Ia.	68.30
E. G. Donley, Pueblo, Colo.	183.00
H. A. Dunker, Carrollton, Mo. (glass at Raton, New Mexico)	169.98
Martin Doose, Edgewater, Colo.	17.05
A. Gardner, Greeley, Colo.	9.30
Geo. A. Kuhl, Pekin, Ill.	36.75
Park Commissioners of Davenport, Ia.	8.19
Sherman Nursery Co., Charles City, Ia.	60.05
C. J. Davis, Denver, Colo.	19.05
John T. Temple, Davenport, Ia.	97.58
H. O. Hannah, Sherman, Tex.	189.70
F. A. Imoberstag, Toledo, O.	25.72
James Aldous, Iowa City, Ia.	3.35
Bills Floral Co., Davenport, Ia.	371.14
Haskell Ave. Floral Co., Dallas, Tex.	42.37
G. Fleischer, Pueblo, Colo.	62.88
Fred Mosthaf, Saginaw, W. S., Mich.	122.00
J. W. & E. E. Arnold, Omaha, Neb.	15.68
Total	$19,817.94

MILWAUKEE PREMIUMS.

The Milwaukee Florists' Club has issued the preliminary list of premiums for its exhibition next November. In the list it is stated that "the following schedule of prizes, although limited in scope, and moderate in expenditure, is submitted with the assurance to all growers that the club is fully capable of supporting far more than the acceptance of any or all of the prizes here offered will obligate it to, and will therefore be pleased to encourage any worthy efforts of growers which may not be covered by the following. We will thank anyone who will acquaint the management with any opportunity of adding to the quality and variety. It will be our aim to have a show of quality rather than magnitude."

The list pretty well covers the usual field and should insure Milwaukee a good show. Those who wish copies of the list should address H. V. Hunkel, secretary, care of Holton & Hunkel Co.

SWEET PEA REVIEW.

The present season has not proven by any means an ideal one for sweet peas in the east. A lack of moisture from the start, and two weeks of intense heat in July, have proven too much for many of them, except where an abundant supply of water was at hand. Then again red spider has appeared in some places so badly as to practically destroy the crop. Still, on the whole, we cannot complain, for we have had a fair crop of those very popular annuals. They still retain their popularity as a market flower and the florist who is without them lacks one of the most necessary flowers for summer use.

While a few continue to sow rows of mixed colors, by far the larger portion find it to their interest to use separate colors, a few of the most popular shades, like pure white, bright pink, scarlet, lavender and primrose, being grown. The call for the dark shades is light. Having grown many of the leading standard varieties and novelties, and taken note of them as grown by one or two specialists, we append the result of our studies.

Whites.

For those needing a really good early blooming sort, Mont Blanc cannot well be omitted. A dwarf grower, it starts to flower when twelve inches high and lasts a long time in bloom, if seed pods are religiously removed. As between Dorothy Eckford and Blanche Burpee we prefer the former. It gives better stems, larger flowers and is fully as white as its parent. If confined to one white sweet pea for outdoor culture we would select the peerless Dorothy Eckford. Sadie Burpee is out of the running, as is the once popular Mrs. Sankey. Neither is pure white. Burpee's White Wonder has rather small flowers, but carries four, six or eight on a stem. We read of its having produced as many as twelve, but have not seen it carrying over nine.



"Boby" Schultz, Madison, N. J., Training His Pets.

Primrose.

Perhaps this color too nearly approaches white for some fanciers, still it is a delightful and popular color with ladies and great advancement has been made in this particular shade. We are still a considerable distance from a golden yellow color, but will undoubtedly obtain within a few years one of as pronounced a hue as Rudbeckia Golden Glow. For the past two seasons we have grown Hon. Mrs. Kenyon and find it decidedly the best of the primrose. In buff shades we note it has won all first prizes again this season at the English shows. Mrs. Eckford may be classed as its closest competitor. The old and original Primrose is now outclassed.

Blush Pink.

Some growers object to this shade as too nearly approaching white, still we do not know of any more taking shade for a table centerpiece. The two varieties, Duchess of Sutherland and Sensation, we consider the best, the advantage laying a little with the former. The Duchess is a wonderful bloomer, although it does not produce such strong stems, nor carry so many flowers to the stalk as such sorts as Prima Donna, Prince of Wales and other peas we might name. Modesty seems to be synonymous with Duchess of Sutherland.

Soft Pink.

The new Gladys Unwin we could place in the first position. It has proven itself a fine variety. Many of the stems have carried four flowers and the shade is a delightful Daybreak one. Prima Donna, which we have considered the best of this shade for several years, must take second place. It has proved a grand sort, producing vigorous haulm and fine stems. Mrs. K. Smith we have not yet grown, but it seems to be well to the fore in England. The new Countess Spencer is of a wonderfully sportive character. The type is deeper than Gladys Unwin and is a beautiful sort. This sweet pea promises to yield us some of the best sorts in the whole field. Katherine Tracy and Lovely do not compare with the sorts named.

Rose and Carmine.

Prince of Wales stands at the top of its class, bright rose-colored flowers on long, strong stems averaging three flowers, but frequently carrying four. Lord Roseberry, Mrs. Dugdale and Royal Rose are all good, but none of them equals Prince of Wales.

Orange Pink.

This is one of the most beautiful shades in existence and it is little wonder that it is a great seller in the markets. It is unfortunate that we have no early forcing variety of this shade, for it would be immensely popular. The varieties most commonly seen are Gorgeous, Lady Mary Currie and Miss Wilmott, the last named being the best, taking everything into consideration. Hon. F. Bouve Rie and Oriental should be dropped from the lists. Just now some grand sorts of something akin to orange-red colors are being introduced in England and are very popular. The variety Helen Lewis recently secured a first-class certificate and silver medal in London, being the best novelty of the season. It is a sport from Countess Spencer and was shown under other names by several other exhibitors. Evelyn Byatt, which secured an award of merit, is also well spoken of, while the new Henry Eckford promises to be a marvel. All the orange shaded sorts will burn to a greater or less extent in very hot weather and should not be allowed to remain on the vines after they are open, or much of their beauty will be lost.

Scarlet and Crimson.

A second trial of Scarlet Gem proves that this fine Eckford sort is worthless in America, all the flowers burning worse than any other sort we have grown. This is much to be regretted, as it comes much nearer to being a true scarlet than any other variety in commerce. King Edward VII, from the same eminent hybridist, of a darker shade, more nearly approaching crimson, is well adapted to our climate and is a distinct advance over such sorts as Mars and Salopian. The flowers are extra large and carried on splendid stems. Eckford's new Queen Alexandra, of a rather dark-

er shade than Scarlet Gem, is said to be sunproof. We have not yet found any scarlet absolutely sunproof in America. When our temperature reaches, or even approximates, 90 degrees, it takes the color out of this particular shade.

Lavender and Mauve.

Nothing has yet appeared to displace Lady Grisel Hamilton. While Countess of Radnor and its improved form are still grown quite largely, they are hardly equal to the first named. Dorothy Tennant and Mrs. Walter Wright are good, but are hardly of so good a shade as Lady Grisel Hamilton. Tom Bolton is said to be a very fine new sort, approaching it in color, and was accorded an award of merit at the London sweet pea show.

Blue and Purple.

Navy Blue, with bluish purple standards and navy blue wings, retains its lead in this class, Captain of the Blues being its nearest competitor. This shade is too dark for most flower fanciers but still there is a moderate call for it in some places.

Claret, Magenta and Maroon.

None of these colors is very popular. Black Knight, maroon; George Gordon, magenta, and Othello, dark chocolate, are the best of their respective shades.

Striped Varieties.

While less popular than the self-colored sorts, some of these are quite pleasing. Nearly all are very floriferous. Burpee's selection of Earliest of All cannot be excelled for early blooming, as it comes ahead of all other varieties. For forcing purposes also it is the finest sort grown. America, striped red and white, is still one of the best. Aurora, salmon and white, is also good. Gracie Greenwood, bluish white edged with pink, is a fine thing and Agnes Johnston, one of last season's novelties, promises to be well in the front another season. Lottie Eckford is the best in the blue and white class.

We are glad to notice a tendency to reduce the number of varieties in some American catalogues. Far too many are still listed, some of which ought to be relegated to oblivion. We presume there will still be a demand for them as long as they are catalogued and if seedsmen feel they must continue to carry them they might give a selection of, say, a dozen sorts, the very best of their respective shades. This would be a great help to many buyers of this popular flower.

Our best dozen to cover the various shades would be as follows: Dorothy Eckford, Hon. Mrs. Kenyon, Duchess of Sutherland, King Edward VII, Miss Wilmott, Gladys Unwin, Countess Spencer, Prince of Wales, Lady Grisel Hamilton, Navy Blue, Othello and Gracie Greenwood. Specialist.

COAL MARKET BRACING UP.

"While western coal markets are not yet in the position which they should occupy either as to the volume of tonnage demanded or the range of prices," says the Black Diamond, "there has been a slight improvement during the last week, which, if it is an indication of better things with the development of the season, should be a source of encouragement. The principal increase in the volume of tonnage required has come from points outside of Chicago and other large cities. Country trade, so-called, is becoming a more important factor and gives promise of developing to good proportions inside of the next thirty to sixty days. Both bituminous and anthracite have felt the influence of the better conditions."

Vegetable Forcing.

CUCUMBERS.

The roots of cucumber plants are soft and easily broken, so care should be taken to pot them up before they become in any way pot-bound, in which condition the roots will cling to the sides of the pot and are sure to be broken in turning them out. The plants thus robbed of their main support are sure to receive more or less of a setback. This clinging of the roots to the side of the pot can be avoided to a considerable degree by having the pots perfectly clean inside at potting. It takes a little time to wash them but it pays in the end to have them washed for all the shifts necessary.

Cucumbers like a free, open soil, so that a good turfy mixture should be provided for them and what manure is used in the soil should be well decomposed but not too finely broken. Ample drainage should also be provided so that the water will pass through freely.

The plants are liable to be attacked by thrips, even at an early stage, so it is a good plan to put a small stake to each plant as soon as they are large enough to be tied up. This allows of their being syringed without danger of breaking, but as the foliage is soft and easily lacerated the water must not be played on with too much force. If carefully and frequently done, syringing is the best means of keeping both thrips and red spiders in check, also, as a precaution against their attacks it is a good plan to spread tobacco stems over the bench around the pots. If they are standing on soil the tobacco stems would rot pretty soon, as they would be kept damp all the time, so that an empty bench is the best place and, if this cannot be conveniently provided, place boards over the soil and set the plants on these. Apart from preventing the rooting of the tobacco stems the boards provide the two-fold advantage of helping to dry the plants quicker and insure against stagnation, and preventing worms from working up into the pots and stopping the drainage. The plants should have full exposure to light and plenty of air, and should be kept growing as freely as possible.

Now is the time to procure a good foundation on which to build up a good plant and later on insure a profitable crop. Neglect now is but courting disappointment and probably failure later on. W. S. Croydon.

Photographs.

SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is, clear in detail. Be sure to write your name and address on each one.

CINCINNATI.

The Market.

There is a slight improvement in business, some days showing considerable activity. This is due, perhaps, to the fact that there is more stock coming in, but the demand in most cases still is greater than the supply. In some lines there is a small over-supply but very little stock goes to waste. Gladioli sell more slowly than is usual. Storemen report that the public does not take very kindly to them, consequently the price is down.

Asters have the call and the supply is much greater than last week. Some of the wholesalers are already cutting prices. The best quality moves somewhat better. Roses are perhaps a little more plentiful but mostly of very poor quality. A few are being cut from young stock. There are scarcely any carnations and, though the quality is fierce, they sell quickly.

Various Notes.

Mr. and Mrs. George Tromen are visiting in Chicago.

Charley Jones is away on a fishing trip.

B. Eschner, Philadelphia, was a caller.

C. J. Ohmer.

ASTERS DISEASED.

For the past two or three years I have been losing all my asters. When about three inches high they commence to wilt near the roots and die. I have planted them in different soil each year, but to no avail. Will you kindly let me know the cause and remedy?

J. P. R.

We know of no disease that troubles asters when they are only three inches high. They are as large as that before removing from the flats to the field and we presume that J. P. R. is losing them after planting out. When nearly full grown, or about ready to bloom, we have in some years lost a good many plants, although our loss would not be over five per cent. The whole plant wilted and died, and many of them were strong, robust plants until they showed signs of wilting. We pulled up many and looked for the trouble. The roots appeared strong and healthy. Up through the main stem in the center was a small black streak, but not eaten by anything we could detect. Doubtless this was the cause of the plant collapsing, but of its cause or prevention we

BEAUTIES That Can't Be Beat

Special Fancy Long-Stemmed Stock

These Beauties are the best the market ever saw in mid-summer—right up to winter quality in color, size of bud, stem and foliage. You will like these Beauties and **we want your order.** We have a big cut on. Good Tea Roses and Carnations continue in limited supply on this market.

Asters **Fancy** $1 to $2 per 100. **Common Stock** $4 to $6 per 1000.

Auratums, Harrisii and Gladioli are in large supply and we can always fill your orders to your satisfaction. Plenty of good stock in all other lines. "Green Goods" summer and winter. Send to us for what you want and you'll get the best stock in the market.

FANCY VALLEY ALWAYS ON HAND

We close at 5 p. m. during July and August.

AMERICAN BEAUTY,	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	
	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Kaiserin	3.00 to 8.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Liberty	3.00 to 8.00
Carnations	1.50 to 2.00
Asters	1.00 to 2.00
" common, 1000, $4.00-$6.00	
Valley	4.00
Auratums, per doz., 1.50	
Easter Lilies, per doz., 1.50	
Sweet Peas	.40 to .50
Feverfew, per bunch, 25c to 35c	
Gladioli	2.00 to 4.00
Shasta Daisies	.50 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze, per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Leucothoe Sprays	.75
Smilax, per doz., $1.50	10.00
Fancy Ferns, per 1000, $1.00	.15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **Chicago, Ill.**

know nothing. In your case you should send some of the diseased plants and a sample of your soil to your state experiment station. They have professors who study out such mysteries.

W. S.

CHICAGO TO WASHINGTON.

Special Train Out of Detroit.

The Chicago delegation has arranged to join the Detroit Florists' Club and travel with them and the St. Louis Club, which will also meet at Detroit, via Buffalo and Philadelphia to Washington. The exact itinerary is as follows:

Leave Chicago, 11:00 p. m., Sunday night, August 13, via the Wabash Railroad.
Arrive Detroit, Monday morning, August 14, 7:55 a. m.
Leave Detroit, 12:15 noon of the same date, via Wabash Railroad, by special train.
Arrive Buffalo, 7:15 p. m., Monday night.
Leave Buffalo, 7:30 p. m., via the Lehigh Valley Railroad.
Arrive Philadelphia, 7:15 a. m.
Leave Philadelphia, 7:30 a. m.
Arrive Washington, 10:30 Tuesday forenoon.
For tickets and further information, write or call on P. J. Hauswirth, chairman committee arrangements, 227 Michigan Ave., Chicago, Ill.
N. B.—Mr. Hauswirth asks that all write as early as possible for reservations.

For tickets and further information write or call on P. J. Hauswirth, chairman committee of arrangements, 227 Michigan avenue, Chicago, Ill.

N. B.—Mr. Hauswirth asks that all write as early as possible for reservations.

STREATOR, ILL.—The W. C. Hill Floral Co. finished planting carnations on July 26. They benched 10,000 plants and they are starting off in fine shape. They are exceptionally free from stem-rot this season.

CHICAGO.

The Market.

The receipts of asters have very materially increased in the last few days, with a more or less depressing effect on the market. There are not so many really good asters and these bring fair prices, but the ordinary stuff has been sold as low as 5 cents a bunch and it has naturally hurt the sale of all other stock, except the best grades, which continue to be actively sought for. There are very few carnations which will serve ordinary purposes and those which are at all good are still selling well. Outdoor stuff is not wanted. Gladioli are very abundant and dahlias are coming.

Beauty prices continue considerably above the average summer level. Qualities are good. The rose market shows little change, but probably no advance can be looked for until the quality of the new crop has had a chance to improve. Lilies are quite plentiful, including Harrisii, auratum, rubrum and album and a few speciosum lilies are seen, but are hard to sell. Green goods continue to be received in quantity beyond the possibility of selling out clean.

The market is probably now at its lowest ebb for the summer. City trade is very light. Demand from New Orleans has been curtailed by the embargo placed on business by the yellow fever scare.

Wholesale Funeral Work.

For nearly a year E. C. Amling has had a note in the price list which he mails to his trade, informing out-of-town florists that he will make up any kind of cut flower work and deliver in Chicago or ship as directed. The result has been that he has added a profitable department to his business. A great many of his customers send him orders for delivery in Chicago and many more, instead of sending for materials for a funeral piece, order the piece shipped completed.

Various Notes.

G. L. Grant reached Chicago July 27, on his way to the S. A. F. convention, but was met by word that his son, Walter, was among those killed by the explosion on the Bennington, which had occurred after Mr. Grant left home. He started on the return journey at once. Walter Grant joined the Bennington only the day before the accident.

The Catholic Order of Foresters and twenty-four persons and corporations are named as defendants in a bill filed in the United States District Court by Trustee Edwin C. Day, who is in charge of the estate of Michael Winandy. Several thousands of dollars' worth of real estate and debts amounting to $23,340 are involved in the suit and it is asked that the transfer of the property to the Catholic organization and to other creditors of the bankrupt be declared void, as well as the issuance of an injunction restraining all of the defendants from further interference with the property.

E. B. Washburn, son of C. L. Washburn, won the members' cup and gold medal in the Hinsdale golf tournament. He also captured the month's handicap trophy. Young Mr. Washburn is to go into the business of Bassett & Washburn after a course at the Agricultural College at Madison.

The retailers are unanimous in their

reports of very light business, in spite of which they are compelled to keep up appearances and retain their men, whom they hope soon to need. The Wienhoeber Co. reports thirteen employes on the pay roll, certainly an unlucky number when there is nothing doing.

The A. Dietsch Co. reports this the best season in its history. They will have a new factory before another year. Fred Dietsch will attend the convention.

On another page of this issue is a reproduction of a photograph taken at the annual picnic of the Geo. Wittbold Co.'s employes at Edgebrook July 22. The photograph shows some sixty-nine people and six of the staff were unable to be present. Louis Wittbold, secretary of the company, will attend the convention.

Quite a number of the growers are slow about benching carnations because the growth of the plants has been retarded by cool, wet weather.

A. C. Kohlbrand has returned from a two weeks' vacation spent at his old home in Cincinnati.

Vaughan & Sperry are handling some nice Cochet roses.

Peter Reinberg, P. J. Foley and John Schillo returned last evening from a two weeks' trip to Yellowstone park.

N. J. Wietor and family are at home from an outing at Cedar Lake.

Weiland & Risch are cutting Killarney rose. It sells well although nowhere near in its winter form.

George Reinberg reports a fine call for field-grown carnation plants.

E. F. Winterson Co. is handling lancifolium lilies cut with short stems. They sell well and are fine for funeral work.

John Zech is taking his vacation a couple of days at a time, spending them where florists are thickest.

Among recent visitors were: J. A. Peterson, Cincinnati, with samples of Lorraine begonias; E. T. Oldham, Palestine, Ill., on vacation; H. W. Buckbee and Mr. Kline, Rockford, Ill.; Miss Barbara, daughter of John R. Hellenthal, Columbus, O.; Miss Hayden, of Samuel Murray's, Kansas City.

Following are the scores made by the bowlers July 30, when the convention team was given a try-out:

Regulars—	1st	2d	3d
Hauswirth	145	162	171
Klunder	160	135	126
Winterson	171	167	110
Scott	155	134	153
Asmus	151	173	213
Stollerys—	**1st**	**2d**	**3d**
F. Stollery	145	179	187
G. Stollery	174	142	139
Hesley	200	155	169
Howard	142	182	173
Alwes	195	164	160
Ladies—	**1st**	**2d**	**3d**
Mrs. Asmus	110	109	109
Mrs. Stollery	124	72	83
Mrs. Kreitling	123	145	147
Mrs. Scott	100	97	127
Mrs. Hauswirth	102	98	108
Miss Moore	104	97	...

BOSTON.

The Market.

There is no material change in the market since our last report. American Beauties are coming in of good quality and are bringing rather better prices. Very few Brides and Maids arriving now are of any value, but excellent Kaiserins arrive from several growers. Carnots also are seen of good quality. Carnations sell a little better. A few have made up to $2 and good stock has averaged $1 to $1.50. Asters are more plentiful and white varieties sell quite well. Gladioli is also more abundant. Sweet peas have improved a little with the cooler weather, but the stems are still very short, it being necessary to cut the haulm with the flowers to make presentable bunches. Lily of the valley holds its own, as does adiantum and other green stock.

Florists' Club Picnic.

As already briefly reported, the club picnic on July 25 was a great success. Weather conditions were perfect and the attendance of the members, their families and friends was nearly 250. The day was too short for many. The boat races were abandoned for lack of time and foot races substituted.

The baseball game made it apparent that the men were not in it with the boys and it was something of a relief to the former when time was called. The cricket contest came late in the day, but seemed to excite more enthusiasm than the ball game. Many of those playing had not handled a bat for fifteen to twenty years, but it seemed to come quite natural to them. Both teams were out in fifty minutes, pretty nearly a world's record we should judge. The score was: Palmer's team, 31; Wheeler's team, 35. A full list of sports and winners is appended:

Croquet game for ladies, Florence Palmer, Florence Eisenhardt.
Foot race, boys 10 years, Victor Heurlin, George Manning.
Race, girls of 10 years, Florence Lumsden, Louise Bolton.
Race, boys between 10 and 16, George Palmer, Harold Hodgson.
Race, girls betwen 10 and 16, Jennie Malkinson, Louise Eisenhardt.
Race for married ladies, Mrs. A. Eisenhardt, Mrs. J. Heurlin.
Race for young ladies, Adie Hoxie, Ethel Ray.
Sack race, open to all, Harold Patten, William Collins.
Race, 100 yards, club members only, William Collins, Frank Gannell.
Race, 100 yards, men over 200 pounds. James Wheeler, Duncan Finlayson.
Race, men over 50 years, M. H. Norton, J. C. Vaughan.
Potato race for ladies, Adie Hoxie, Louise Eisenhardt.
Three-legged race for men, W. Collins and F. McDermott, J. Wheeler snd A. Low.
Quoit match, A. W. Robertson, Geo. Jenkins.
Running high jump, Alfred Martin, A. M. Robertson.
Running hop skip and jump, W. Collins, A. Robertson.
Running long jump, W. Collins, A. Robertson.
Throwing shot, W. Collins, A. Martin.
Throwing hammer, W. A. Riggs, W. Collins.
Consolation race, girls, Florence Lumsden, Louise Eisenhardt.
Consolation race, boys, John Sisson, Frank Wheeler, Spencer Heurlin.
Best looking baby, Gustaf Richard Peterson, Dorothy Palmer.
Best looking infant, Kenneth Reeves Craig.

Picnic Pickings.

Too bad M. H. Norton did not enter in the 200-pound class also. He would have given President Wheeler a close calk.

Charles Sander, owing to an injury to an eye, could not attend. We missed him.

No amount of coaxing would induce Alexander Montgomery to judge the babies. We were fortunate in having a judge who would soon be 1,000 miles away.

We were glad to see some of the Old Guard present and to hear them say they were having a good time.

W. A. Roberts, the proprietor of the grove, informed us that the Gardeners' and Florists' Club people were a superior class and the best behaved he had ever seen. We were out of cigars at the time, but promised to remember him later.

W. J. Collins, who won W. E. Doyle's handsome silver cup in the club members' race, is one of David Weir's boys. He also secured a pair of cuff links, silver match safe, pocket compass, shaving set and two scarf stickpins, enough glory for one day.

"Never felt so stiff and lame in all my life," was the verdict of not a few of the athletes the rest of the week.

We would liked to have seen a race between the presidents of the S. A. F., Rose Society and Carnation Society. No time to push it through.

One result of the picnic was several applications for membership. It looks like 200 members by December 31.

W. A. Riggs proved an efficient starter and a first-class hammer-thrower. Robert Cameron officiated acceptably at the other end of the course. Mr. Cameron had a nasty knock on the side of the face from a baseball during the afternoon.

Sorry J. W. Duncan did not win anything. He tried hard, but his feet seemed to be in the way. Much credit is due him, however, for the success of the sports.

W. H. Elliott jumped on those who asked him to run in the veterans' class. The asparagus king is still quite a little on the sunny side of 50.

Various Notes.

H. H. Barrows & Son will show Nephrolepis Barrowsii at Washington, also a new nephrolepis entirely distinct from any yet introduced, which they class as



50 years and over: M. H. Norton, J. C. Vaughan, T. J. Grey, W. Millar. 100 yards for club members, Pres. Wheeler on right.

The Start of Two of the Races at the Outing of the Gardeners' and Florists' Club of Boston.

Nothing is a Trouble That Helps to Serve a Customer

No order is too small to receive our best attention; none is too large for our capacity. If you want to do the best you can, try us.

Weiland & Risch,

Leading Western Growers and Shippers of Cut Flowers,

61 Wabash Ave., CHICAGO.

Long Distance 'Phone Central 879.

	Per Doz.
AMERICAN BEAUTIES—	
36-inch stems	$3.00
30 " "	2.50
24 " "	2.00
18 " "	1.50
12 " "	1.00
Short "	.60
ROSES—	Per 100.
Maids	$2.00 to $5.00
Brides	2.00 to 5.00
Killarney	4.00 to 8.00
Liberty	3.00 to 6.00
Golden Gate	3.00 to 6.01
Chatenay	3.00 to 6.00
CARNATIONS—	
Fair Stock	1.50 to 2.00
MISCELLANEOUS STOCK—	
Valley	3.00 to 4.00
Auratum Lilies	12.00 to 15.00
Easter Lilies	12.00 to 15.00
Asters	1.00 to 2.00
Sweet Peas	.50
Daisies	.50 to 1.00
Gladiolus	3.00 to 5.00
Tuberoses	5.00 to 6.00
DECORATIVE—	
Ferns	.15
Sprengeri	2.00 to 4.00
Asparagus Strings	25.00 to 50.00
Galax	.15
Smilax	10.00 to 12.00

Subject to change without notice.

Mention The Review when you write.

an absolutely perfect sort. They have experienced such a heavy demand for ferns that they are constantly some thousands behind in filling orders.

It looks now like a good delegation to Washington. Wm. H. Elliott is working hard to secure a good showing for Massachusetts and we hope he will succeed.

The garden committee of the Massachusetts Horticultural Society visited the vegetable gardens of the Taunton Lunatic Hospital in charge of Edward Parker on July 28. These were found in splendid condition.

John Ash, of Pomfret Center, Conn., one of our prominent Boston exhibitors, sailed from New York on July 29 for a five weeks' vacation in England.

A welcome rain started in on the evening of July 29 and one or two succeeding days have been showery, ending in some measure one of the worst droughts we have had in late years. Several inches more rain would be acceptable to thoroughly soak the land and start the springs running.

The garden committee of the Massachusetts Horticultural Society visited the estate of Commodore M. F. Plant, Groton, Conn., on August 2 to inspect an herbaceous garden and vegetable garden. The estate is also entered for the Hunnewell triennial premium.

A. Leuthy & Co. are busy installing a new boiler and building new chimneys. They report stock for next season as being in fine shape. W. N. CRAIG.

Boston to Washington.

It has been arranged that parties wishing to go in company to the Washington convention from Boston and eastern New England may take the Providence boat line on Sunday, August 13, arriving in New York in time to join the party from that city, which leaves at 10:55 a. m. Monday over the Pennsylvania railroad. The Providence line train connecting with boat leaves Boston at 6:22 p. m. In purchasing ticket be sure to have it read over the Pennsylvania railroad and ask for a certificate for the Society of American Florists' convention. These tickets may be purchased not earlier than Friday, August 11. Parties desiring staterooms on the boat may have them reserved for them by sending application therefor to W. H. Elliott, Brighton, Mass., or Wm. J. Stewart, 11 Hamilton place, Boston. Price of stateroom is $1 or $2, according to location.

From western points in New England states the most direct route will be by rail route via Hartford and New Haven. Those desiring to travel in company should write to Theodore Wirth or John Coombs, Hartford, Conn., who will give particulars regarding party to be made up at that city. WM. J. STEWART.

ST. LOUIS.

The Market.

The conditions at the wholesale houses and among the retail trade remain about the same as reported last week, only that a little more funeral work was made up at the different stores. First-class stock still sells, especially Beauties and white roses. Kaiserin is much in demand, as are long Beauties. There are plenty of short grades that do not sell any too well.

Carnations vary in price. The bulk of the shipments are not of first-class stock, most of them being field-grown. Sweet peas have let up somewhat, and they are not of the best quality, with hardly any value. Asters are very fine and abundant, many more coming in than can be sold, with prices ranging from 35 cents to $1.50 per hundred. White and purple have the most demand. The wholesalers say that by the end of the present week they look for a great glut, unless increased business alters the situation.

Valley is exceptionally fine. Tuberoses and gladioli are quite plentiful. There was quite a fine batch of swainsona seen the past week, which went finely in funeral work. There is also the usual abundance of herbaceous stock in the market. All kinds of greens can be had.

Various Notes.

Next Thursday afternoon the St. Louis Florists' Club will hold the most important meeting of the year and every member of the club should be present. The annual election of officers is of great importance to us all and this alone should bring out the entire membership. This meeting will be held in Odd Fellows building promptly at 2 p. m.

Misses Tillie and Birdie Meinhardt left last week for an extended trip through the east. They will be in Washington during the S. A. F. meeting. Mr. and Mrs. F. H. Meinhardt will wait and go with the St. Louis delegation.

J. A. Peterson, of Cincinnati, was with us last week, with fine samples of plants. Mr. Peterson reports a fine trade.

Mrs. J. F. Windt and daughter, who have been traveling east this summer, are expected home this week. Then it is Rude's turn to take his vacation.

Mr. and Mrs. Weber and Theo. Miller will start for home, leaving Hamburg August 3, arrive in New York August 13, and from there go to Washington to attend the convention and meet the St. Louis delegation. Messrs. Weber and Miller are members of the team that will represent St. Louis in the bowling contest.

Vennemann Bros. are building three new greenhouses at Kirkwood, for carnations and violets.

The place formerly owned by Max Herzog is being demolished and by August 1 Mr. Meyer will have the entire belongings of his place at Kirkwood, when the houses will be rebuilt at once.

By the time the fall season begins three new firms will open on South Grand avenue.

B. Eschner, representing M. Rice & Co., Philadelphia, made business calls on the local trade the past week.

Quite a number of 1905 S. A. F. pins were conspicuously worn among the boys at the wholesale houses on Saturday morning.

Frank F. Fillmore, Jr., and Miss Lydia Gabler were married on Tuesday of last week. They are now snugly settled in their new home, 3310 Meramec street. The happy couple were in receipt of many valuable presents from their friends.

The transportation committee reports that it has twenty-three names on its list of those who are going to Washington. On the list, I am glad to state, are seven ladies. If anyone has neglected to send in his name he should do so at once, to J. J. Beneke, on or before the next club meeting, which will be held next Thursday afternoon.

Mrs. M. M. Ayers is renovating her place on Grand avenue, making necessary improvements for the fall trade. Mrs. Ayers has bought a fine country

place, covering sixteen acres on which are 600 fruit trees.

Judge McDonald has entered a decree under which the board of trustees of the Missouri Botanic Garden can lease or sell any property held under the will of the late Henry Shaw.

George Waldbart is making extensive improvements at his place. Repainting and other work will make the establishment look fine for the fall trade.

Arnold Ringier, of W. W. Barnard & Co., Chicago, is in the city this week.

The florist bowlers have only one more practice night, on next Monday, as they leave on Sunday night, August 13, for Washington. The team at Washington will include J. J. Beneke, C. A. Kuehn, Fred Meinhardt, F. C. Weber, Frank M. Ellis and Henry Lohrenz. Seven games were rolled last Monday night, with the following averages: Beneke, 173; Kuehn, 162; Ellis, 156; Lohrenz, 152; Beyer, 151; R. Meinhardt, 146; F. H. Meinhardt, 119. J. J. B.

DETROIT.

The Breitmeyer Cornerstone.

A most unique event occurred on July 29, when the Detroit Florists' Club laid the cornerstone of the new Breitmeyer building, unique because I do not believe history will furnish another instance of a body of business men laying the cornerstone of a structure built by a competitor. At 5 p. m. the florists assembled to the number of ninety-three and proceeded to the new building, where upon a platform were seated the members of the firm, together with their families and the officers of the club. Mr. Barnett introduced J. F. Sullivan, who read a very interesting history of the rise of the firm and then introduced Robert Watson, president of the club, who made the following address:

Brother florists and fellow craftsmen: So much has been said to you by our secretary, Mr. Sullivan, that there is little left for me to say. I am pleased, however, to be with the Detroit Florists' Club on this occasion. Never in the history of the florists' industry in our city, or any other city within this great Republic, has such a grand structure been reared to the florists' industry. And well may the Detroit Florists' Club be proud today to have the honor of meeting here this afternoon to lay this cornerstone. Within the cornerstone are deposited the constitution and by-laws of the Detroit Florists' Club, a full list of the members of the club, the La Detroit rose, autographs of the Florists' Club's members, copies of the Detroit daily papers, a photograph of building as it is today, a photograph of John Breitmeyer, and various coins of the present day, photograph of the old building and a photograph of the building when complete.

Away back in the early seventies, out on Mack avenue, John Breitmeyer built two small greenhouses as the starting point, steadily progressing until he gained the reputation of being the leading florist in Michigan. Only a few years ago he retired to private life and left his stupendous business in the hands of his sons, who have still kept to the front. We honor these men as members of our club; we honor them as leaders in our profession, and we honor them as good and enterprising citizens.

In behalf of the Detroit Florists' Club I hereby proclaim to the people here assembled that the cornerstone of the Breitmeyer building has been well and truly laid.

This completed the formal ceremonies, after which the florists, the architects and builders of the structure repaired to Harmony hall, where a Dutch lunch was spread. Then trouble commenced for the ex-presidents of the club, for all were required to talk for the amusement and edification of those assembled and a general good time was had, the president of the club acting as toast-master, with his inimitable Scotch.

One of the most pleasant features of the event was the presentation by Mr. Sullivan of the silver trowel used in the laying of the stone to Philip Breitmeyer as the oldest of the family, and for once genial Phil was done for, as he completely failed to respond, being too full for utterance at that moment, but rallied later and did nobly. The inscription on the trowel read "Detroit Florists' Club to John Breitmeyer's Sons, used to lay the cornerstone of the Breitmeyer building, July 29, 1905."

Various Notes.

The delegation to the S. A. F. meeting from here will not be very large but it will be an enthusiastic one. They will probably number from twelve to fifteen.

Ed. Beard, one of the ex-presidents of the club, says it is one box of cigars for a boy and two for a girl, and so will see that there are two boxes at the next meeting of the club. Mother and daughter are doing finely.

Rag.

THE ANNUAL
CONVENTION NUMBER
THE WEEKLY FLORISTS' REVIEW
Will be published
AUGUST 17, 1905
Containing a full, illustrated account of the
Washington Convention
of the S. A. F. and much other matter.
"ENOUGH SAID."
Please Send Advertising Copy at Once.
FLORISTS' PUBLISHING CO.
334 Dearborn St., Caxton Bldg., Chicago.

PORT ALLEGANY, PA.

The Port Allegany Greenhouses have taken on quite a new appearance under the management and ownership of Mrs. M. E. G. Ventres, who assumed control May 29. She has had the place cleaned up, a neat walk built in front of the greenhouses and bedding plants set out the entire length and a new coat of white adorns the houses, making a most noticeable improvement. She has recently secured the services of Emil Gahnig, of Germany, who has the roses, carnations, chrysanthemums and other stock in fine shape.

Mrs. Ventres is building a pretty two-story dwelling a few steps from the greenhouses, which she will occupy and will rent her Church street home. Judging from appearances the Port Allegany Greenhouses were never in so prosperous a condition as at present and Mrs. Ventres is receiving many compliments from visitors. J. D.

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Long	$4.00
Fair length	3.00
	Per 100
Brides	$3.00 to $6.00
Bridesmaids	3.00 to 6.00
Liberty	4.00 to 8.00
Kaiserin	3.00 to 8.00
Golden Gate	3.00 to 6.00
Carnations	1.50 to 2.00
Asters	.50 to 2.00
Gladioli, common	1.50
" light colors	2.00 to 4.00
Auratum Lilies... per doz., $1.50	
Album and Rubrum Lilies, per doz., $1.00	6.00
Valley, our specialty, best	4 00
Daisies	.75 to 1.00
Smilax ..... per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string, 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns ....per 1000, $1 50	.20

Subject to change without notice.

Packing and delivery at cost.

CLEVELAND.

The Market.

Business has reached its summer level and, with the exception of an occasional wedding and small social function, there is practically nothing doing. Funeral work of late has been pretty lively, some stores being very busy. Good stock of any kind, with the possible exception of Kaiserin, is practically unobtainable. There is nothing at all in carnations, while asters are beginning to come in. They are quite small and short-stemmed. The recent showers will improve outdoor stock and help to relieve the present shortage. Auratum and lancifolium lilies are in fair supply, with a good demand.

Various Notes.

Vacations are now in order among the store men and many are spending pleasant hours along the seashore. The growers, on the other hand, are very busy, some rebuilding and others making extensive improvements.

Jas. Eadie is in the midst of building operations. Seven new houses and a handsome dwelling are this year's acquisitions.

The Ohio Floral Co. is erecting a house of the latest design and costing $2,000, for their new foreman, M. Bloy; also a new flower cellar. This concern does not contemplate building additional houses this year, as heretofore reported, but will plan for next season.

The Essex Greenhouses are building several new benches with tile bottoms for Beauties.

The Gasser Co. is very busy planting carnations, the stock being extra fine.

Bate Bros. have planted several benches of carnations from pots and are well pleased with results thus far.

Mr. Eastwell has just returned from a sojourn in Detroit. He says he is booking several weddings for early fall.

Frank Smith will spend several weeks in the east, visiting New York, Boston, Philadelphia and Atlantic City.

E. Fetters, for many years connected with the firm of Smith & Fetters, is paying us a visit from Detroit. His many friends will be very glad to see him.

M. F. Harrison, manager of the Ohio Floral Co., reports funeral trade very brisk.

The Cleveland Florists' Club will hold its annual picnic at Geisen's (eighteen sneezes) Gardens, Pearl street, August 2. A good time is expected.

FOREST CITY.

BUFFALO.

Various Jottings.

We don't expect any business in July and August, so the present quiet time is not disappointing. Asters, gladioli and sweet peas are the principal flowers offered. Carnations are at their lowest.

We are glad to say Louis H. Neubeck is again back at his office after a long and painful illness.

There has been little talk about the convention and yet we believe there will be a good representation from this city and vicinity. We understand Mr. McClure has his clan marshalled to carry off some of the bowling trophies. From what we read, and still more from what we remember of the former conventions, this coming convention should be missed by no one who has the privilege to be a guest. There was more hospitality to the hour at the first Washington convention than we ever remember and it was served up in variety to suit all tastes. In the rear of the American Rose Co.'s store, in a rustic shed, was something of a rotund appearance with a lump of ice on the top and there many of the veterans put in a continuous session, enlivened most of the time by the stirring Scottish songs of Archie Middlemass, of Milwaukee. Then there was that unique vaudeville performance in the store of the same company, with Constable John Thorpe to keep order. From this impromptu but enjoyable little affair up to the splendid entertainment on some spacious lawn, with the Marine band to charm us, it was one round of pleasure. There is only one Washington and all should see it, for there are many things there that cannot be seen elsewhere.

We hope, with all the pleasures and sight seeing in store for us, that the business of the convention will receive good attendance and attention. I have watched a good many conventions of different organizations and societies and our florists' conventions will compare most favorably with any of them for real work and business. We stick to the object of our meetings very well. At first we were inclined to make it a four-day picnic, but for the past ten years that has been largely eliminated and the majority of attendants go there to take an earnest interest in all that is said and done.

How much we owe to the dear old society! It is the parent of our local societies; it is the mother of our floricultural press; it is the means of knowing our brother and sister florists, and what a poor lot we would be if it were not for our wide acquaintance! Last year at St. Louis one old baldheaded sport, in presenting some bowling trophies, said that the man who only came to the conventions to talk cannas and geraniums was no good. That was entirely wrong. Those earnest men are the backbone, the pillars of the society. The bowling and shooting are the exerescence, or, I should rather say, the effervescence, harmless enough, but they should not interfere with the business of the convention. I look for a great and glorious time and, my fellow townsmen, you who have not seen the beautiful city or tasted of the hospitality of the Washington florists, you will sadly miss it if you do not go. Washington is full of Gude and Freeman! You don't know them until you meet them at home. W. S.

NEW YORK.

The Market.

Summer dullness prevails. To accept the inevitable cheerfully is good philosophy. No one will feel disappointed if there is not a ripple on the placid sea until September. But the same quiet expectancy is evident that precedes a general shaking up of the dry bones. The surplus energy of all is gathering force and the new season will find all hands alert and ready for the best year the floricultural world of New York has ever experienced. Prosperity abounds, millionaries are multiplying. There are good times coming.

Everything nowadays is scarce except asters and gladioli. This is their day and they dominate everywhere. Even the retail windows have little else and manage to make quite a creditable showing with these modest flowers and Scottii fern. Everybody uses Scottii. It is a fine keeper and will have a big sale this winter.

Roses and carnations are not only scarce, but largely inferior, short-stemmed, small-headed and altogether unsatisfactory. The supply of orchids is at a low ebb and will grow less until the end of August. Newport wants everything good which the New York demand does not absorb.

Various Notes.

It has been decided by the transportation committee that the New York special will go to the convention via the Pennsylvania railroad Monday, August 14, at 10:55 a. m., Twenty-third street ferry. The fare is $8.80 to Washington and return.

We have ordered a special brand of comfortable temperature for the convention. We are all counting on Brother Gude making good. He has promised something out of the ordinary in weather and has a reputation for veracity. We are going 100 strong and more to follow. Almost 100 are booked and dozens who are going have not yet sent their names to Secretary Young. This is hardly fair to the commissary department, and to themselves. Some have the notion membership in the S. A. F. or the New York Florists' Club is necessary before the advantages of the special train are available. This is not so. Everybody is welcome and if the decision to become members of these organizations should later materialize, so much the better. It is an honor to have membership in either of them.

Arthur C. Dacre, with Young & Nugent, leaves this week for his annual rest in the Catskills. This firm had charge of the decorations last week at the Japanese club, at the dinner given in honor of Baron Kamura, and will have an elaborate floral display at the grand reception this week, when every Japanese of note in the country will be here to "Banzai" for his country and its eminent representatives.

M. A. Bowe and family are automobiling in Jersey with headquarters at Asbury Park. Mr. Bowe and his employes will enjoy a short dinner together at Newport next Sunday, a happy innovation.

Lion & Wertheimer have a whole room engaged at the exhibition hall in Washington for their extensive exhibit, where chairs, writing materials and other conveniences for their customers and others may be found during the convention. Their specialty will be lace effects in chiffons, but they will have a liberal display of everything choice and novel in the ribbon line.

H. H. Berger & Co. report exceptional quality in Harrisii this season, and a big demand. This firm is adding to its facilities for a much enlarged trade and will be represented by a fine exhibit at the Washington convention.

Elliott & Sons are now comfortably settled in their new home on Fulton street and in ship-shape for the fall business. Their double floors for the auction department is a new departure and with elevator facilities everything for the convenience of their customers is up-to-date. They report a big business on Captain's Island Harrisii and Roman hyacinths are in to add to their activities.

A unique decoration at Newport last week was at an affair given by Mrs. Stuyvesant Fish. Each table had an immense mound of white flowers as a center-piece, from which arose a large floral umbrella. Each rib was outlined in green and flowers, producing a most charming effect. Artificial trellises in the immense halls were covered with bloom, great masses of blue hydrangeas adding to the beauty of the ensemble.

All the New York florists at Newport now report the season in full swing, with dinners innumerable and great expectations for a brilliant summer.

J. K. Allen's headquarters is becoming a great matrimonial center. The record of three weddings in a year will hardly be equaled on the street. A couple of weeks ago the faithful bookkeeper of half a score of years, Miss Riley, became Mrs. Bohlman. Her husband is a wholesale and retail florist at Broadway and Gates avenue, Brooklyn. Mrs. Bohlman will continue at the office until Easter. On Monday of this week the veteran's son, George James Allen, married Miss Caroline Rossler and will spend his honeymoon among the Long Island watering places.

Our prophesy that E. G. Hill would not find Europe sufficiently attractive to hold him beyond convention time was fulfilled by his return last week on the Campania. Mrs. Hill accompanied him.

John Birnie is also back from Scotland.

William Ghormley left on Monday for a month's sojourn in the Adirondacks.

George Saltford is enjoying the cooler air of northern New York, as usual during August.

A. J. Guttman and family are at Ellenville, in central New York.

Phil Kessler has the sympathy of his many friends in the serious illness of his father, who suffered a stroke of paralysis lately.

Warren B. Craw and William Duckham are among the late voyagers to the old country and the end is not yet.

The Burnham-Hitchings-Pierson Co.'s offices on Broadway are a busy center these days. The amalgamation of these great enterprises is developing an enormous business. J. Austin Shaw.

MEET US IN WASHINGTON

It will pay you to see our grand exhibit of all the

Novel and Standard Supplies

You will get ideas from our exhibit that will amply repay you for all your time and expense in reaching Washington.

Give us the pleasure of greeting you there.

H. Bayersdorfer & Co.

The Florists' Supply House of America

50-52-54-56 N. 4th St. PHILADELPHIA

Mention The Review when you write.

WASHINGTON.

The Market.

Cut flowers of all kinds are rather scarce, with practically no demand, with the exception of a little funeral work, which helps along. At the present time the craft is paying more attention to convention matters than to business.

Various Notes.

The growers are getting ready to bench carnations. C. A. Shaffer, in Alexandria, has his houses planted with carnations and his stock is doing well. The establishments of Minder Bros., J. R. Freeman, J. L. Loose and Gude Bros. never looked better.

Recent visitors in the city are Fred Michell, J. C. Vaughan, Edwin Seidewitz and Phil Hauswirth.

Otto Bauer is very seriously ill and has been sent to the hospital, suffering with typhoid fever. He has the sympathy of his many friends.

Frank Slye and J. C. Powell have returned after spending several weeks in the mountains.

There was a meeting of the Florists' Club Monday night to complete all arrangements for the convention. From all indications this promises to be the banner convention in the history of the society. Vice-President Freeman, with the aid of the committees, has worked hard to make this a successful convention. Supt. Cooke has sold all available space and claims the exhibits will far surpass any previous convention. Chairman Ernest has closed all contracts pertaining to bowling and promises the boys a big time. The alleys secured for the occasion are second to none. F. H. K.



SEE OUR CONVENTION EXHIBIT

THE LION & WERTHEIMER Ribbon and Chiffon exhibit will occupy the entire room at the head of stairway in the Exhibition building at Washington, where we will be pleased to meet you.

Every desirable style of Ribbon and Chiffon used by florists will be on display.

Lion & Wertheimer

RIBBONS AND CHIFFONS

463-467 Broadway, **New York City**

SPECIALS

ASTERS, . . 40c to $1.50 per 100
GLADIOLI . $1.00 to 2.50 "
CARNATIONS, INDOOR, $1.50-2.00 "
" OUTDOOR, .50- .75 "
AURATUM LILIES, $8.00-10.00 "
FINE VALLEY, . . . 4.00 "
LONG BEAUTIES, . . . 25.00 "

SPECIALS

ROSES: We have plenty of the best on the market, $2 to $5 per 100.

Our store closes at 5 p. m. until Sept. 1.

A. L. RANDALL CO., 19 Randolph St., CHICAGO

Mention The Review when you write.

PHILADELPHIA.

The Market.

Market conditions have changed for the worse. Flowers are more plentiful, while the demand has fallen off. The chief feature is the increase in the number of asters, now arriving freely in all colors. The buyers are not nearly so partial to these early blooms as they are to the larger Semple's, which are expected soon. Gladioli are at their height. Lilium album, rubrum and roseum are found at the Leo Niessen Co. Summer Beauties from local growers improve during the cooler weather. Myers & Samtman are cutting freely.

Various Notes.

Harry Bayersdorfer, the merchant prince of this city, returned last week after a ten weeks' visit to Europe, bringing in his train many choice novelties, some of them to be shown to his friends at the convention. He states that the European manufacturers are working full time in anticipation of increased duty to go into effect next January.

J. Stern has returned from Europe, where he has been securing desirable supplies for next fall's business.

Frank Polites has leased the store in the Hazeltine building, Chestnut street above Broad, formerly occupied by Charles P. Poryzees. He will open for business in September. It is stated that William Thompson will assist him.

Robert A. Stewart has given up his store on Thirteenth street, above Walnut, and leased a store half a block south on the same street, which he will open in September.

Mrs. Sarah I. Smith, of Secane, is building a fine new greenhouse for carnations and violets.

Mrs. Eison, of Columbus, S. C., was a visitor at M. Rice & Co.'s a few days ago.

Samuel Lilley, the popular representative of Eugene Rice, is handling some very fine summer Brides and Maids.

The street has it that Horace T. Dumont and Wm. P. Craig will embark in the retail florists' business.

H. L. Blind, of Pittsburg, was a visitor in this city recently.

The Leo Niessen Co. reports its July business to be way ahead of any previous season.

Clarence J. Watson, with S. S. Pennock, has returned from his vacation.

W. J. Sherry, of Johnson & Stokes, reports an excellent demand for pansy and other flower seeds.

The Keller Pottery Co., of Norristown, Pa., has taken full advantage of its splendid shipping facilities. It has successfully shipped pots as far south as Central America and as far west as Idaho.

Edw. Reid says: "When you see a chap east of Broad street who is looking for good flowers, just whisper Horace Greeley's advice to young men."

Don't forget that Commodore John Westcott, president of our florists' club, cordially invites every delegate to the Washington convention who can make it convenient to join his party in Broad street station on Tuesday morning, August 15. Exact train time will be given next week.

William R. Gibson has resigned his position with Pennock Bros. and accepted a position elsewhere.

Bowling.

Now that the great annual bowling tournament of the S. A. F. (must I add O. H.? You know what that stands for) is near, it is no longer possible for me to keep silent about our bowlers and allow the players from other cities to fancy that Philadelphia is asleep and that they will win all the trophies. Twelve of our best bowlers, the pick of the club, the creme de la creme of our talent, have just completed a tournament of five series of three games, fifteen games in all, divided between home and outside for the six places, five regular and one substitute, on our team. When the players from the other cities look over the averages below I think they will agree with me that their teams will have to watch the Quaker boys:

Player.	Games.	Total.	Av.
D. T. Connor	12	2,280	190
Geo. M. Moss	12	2,177	181
Frank Polites	15	2,478	165
W. N. Yates	12	1,957	163
Geo. Craig	15	2,357	157
I. H. Dodds	15	2,317	154
Geo. Anderson	15	2,299	153
J. P. Habermehl	15	2,257	150
W. K. Harris	15	2,257	150
G. C. Watson	15	2,236	149
John Westcott	12	1,672	139
Wm. Robertson	6	964	160

D. T. Connor averaged 207 in the three games rolled on the Casino alleys. Wm. Robertson was unable to finish his games, owing to an injury. He may roll the others later. PHIL.

HANCOCK, MICH.—A. L. York and Mrs. Fannie Rule, of Ripley, were married at Calumet July 27. Mr. York is the son of the well known florist, M. A. York.

TORONTO.

The Market.

Ordinary summer business has been the routine during the last week and none of the retail men has anything startling to report. Asters are coming in plentifully, especially white. Gladioli are coming in considerable quantity, as are also sweet peas and other outdoor stock. Dahlias are arriving slowly and but little good stock has yet been in the market. Of carnations there is not much to be said, as the supply is pretty well off. The Mitchell Nursery Co., of Mitchell, is sending in about the best that are seen. Roses, with the exception of Kaiserin, are small and of poor quality.

Various Notes.

A. J. Jennings, manager of the floral department of the T. Eaton Co., has just returned from Winnipeg, where he put up a decoration for their opening, similar to the one he put up here for Easter. Tom Manton, of Manton Bros., took a car-load of palms out for the occasion but has not yet returned. Mr. Jennings informs us that Mr. Manton had quite an experience traveling that distance in an open car. His first trouble was around the northern shores of Lake Superior, where he had a number of his palms touched with frost. After arriving in Winnipeg he had the misfortune of having the ripe oranges stolen off his orange tree while same was being unloaded in the yards. We presume that picking oranges off the trees is not an everyday experience to the boys in Winnipeg and they consequently availed themselves of the opportunity.

H. G. Dillemuth, of Dunlop's, is off on two weeks' vacation.

J. S. Simmons spent Saturday and Sunday in Buffalo.

Chas. Tidy, of S. Tidy & Sons, is off on a month's fishing trip to the northern lakes.

H. E. Philpott, of Winnipeg, who has lately sold out his business there, has been spending the last couple of weeks visiting acquaintances in Toronto. He intends accompanying the Toronto delegation to the convention at Montreal.

Miller & Son, of Bracondale, are putting up a new Beauty house. Mr. Miller informs me that there will be no scarcity of Beauties in another year.

We had a call during the week from Dr. Ree, of the Georgetown Floral Co. He reports everything promising in that

locality and predicts a busy winter.

Among the recent visitors were: G. Stevens, of Darch & Hunter, and Wm. Gammage, of J. Gammage & Son, London. They were attending Grand Lodge meeting of the Masons at Hamilton, and gave us a flying visit. We also had a call from R. Harper, of Hamilton, who reports a very successful season's business and, although business is quiet now, he feels the lull is very acceptable, giving him time to straighten up stock and repaint his greenhouses.

We expect the delegation from Toronto to the convention will be large.

Edward Tyrrell died July 18 from sunstroke. Mr. Tyrrell took a very active interest in horticulture and was for a number of years president of the Toronto Horticultural Association and was one of the foremost workers in connection with the inaugurating of the fruit, flower and honey show held in Toronto last fall.

D. J.

STEVENS POINT, WIS.—W. E. Macklin has returned from a visit to his old home at Sarnia, Ont. He was accompanied by his brother, R. I. Macklin, who is in the florists' business at Marshfield.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—As foreman and grower of roses, carnations and general stock; married; thoroughly experienced; best of references. Address No. **82**, care Florists' Review, Chicago.

SITUATION WANTED—By an up-to-date store man; single; eight years' experience; willing to go to any city, eastern cities preferred; can give the best of reference as to character and ability; open for engagement October 1. Address No. **77**, care Florists' Review, Chicago.

SITUATION WANTED—Practical gardener and florist, German, middle-age, unmarried, wishes steady position; would prefer taking charge of gentleman's or institution grounds; excellent references; state full particulars; willing to wait for engagement if wanted. Address Gardener, 303 Convent Street, St. Louis. Mo.

SITUATION WANTED—As working foreman in a first-class retail florist business where general line stock is growing; 22 years' experience in roses, carnations, chrysanthemums, violets, palms, ferns and bedding stock; would like a steady place; 35 years of age; single; German. Address No. **74**, care Florists' Review, Chicago.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

FOR RENT—To keep in repairs one year; 5000 feet glass in a good factory town; no competition; established trade; come and see it. J. R. Johnston, Dunkirk, Ind.

FOR RENT—My store and greenhouse; well stocked with decorative plants and florists' supplies; established 1885. Address The Flower Store, 1740 Main St., Jacksonville, Fla.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR RENT—A well-established plant of 13,000 feet of glass, planted to cut flowers and general stock; owner will leave for Europe Oct. 1; a grand opportunity for a responsible man with privilege to buy. Address No. **81**, care Florists' Review, Chicago.

FOR RENT—At Frederick, Md., greenhouses, 18x63, 12x102, 20x162; boiler room, 18x60, equipped with a No. 8 Furman boiler and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure; labor cheap, city water; no stock on hand; rent $300 per annum, half payable in advance every six months; ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Henry Trail, Frederick, Md.

WANTED—General greenhouse waterer. Apply The McGregor Bros. Co., Springfield, O.

WANTED—Young man as assistant; give references and wages expected with board and room. J. Sanstrom, Momence, Ill.

WANTED—At once, man of experience in general greenhouse work and landscaping. Address Idle-Hour Nurseries, Macon, Ga.

WANTED—At once, an up-to-date decorator and designer; state wages with reference. W. H. Humfeld Floral Co., Kansas City, Mo.

WANTED—Good second-hand hot water boiler, to heat 1200 feet radiation; state full particulars. Address 5600 Delmar Ave., St. Louis, Mo.

WANTED—A rose grower and a carnation grower for the west; must be first-class men. Address No. **76**, care Florists' Review, Chicago.

WANTED—Second-hand Hitchings boiler, No. 15 or 16; must be in good condition and cheap for cash; also pipe and connections. C. E. Stone, Columbus, Ohio.

WANTED—By August 7, a good grower of carnations, smilax, mums and general stock; please give reference and state wages in first letter. Address H. T. Miller, Salem, Ohio.

WANTED—A single man with practical experience in cut flowers and pot plants; must be strictly sober, and willing and able to take charge; with references; $12.00 per week. Address J. B. Goetz Sons, Saginaw, W. S., Mich.

WANTED—An experienced, competent and thoroughly reliable florist for small greenhouse in suburb of Chicago; good permanent position for right man; state age, experience, references and salary wanted. Address No. **78**, care Florists' Review, Chicago.

WANTED—For wholesale commission house, a good salesman; must be a man of good standing with thorough knowledge of the business; splendid chance for a hustler to advance quickly; give age, reference and salary expected. Address No. **79**, care Florists' Review, Chicago.

WANTED—Married man capable of taking charge of 35,000 feet of glass and grow carnations, some roses and bedding stock; no objection to small family; steady job for right man; wages $40.00 per month with steam-heated flat; flat at greenhouse; 56 miles south of Chicago; start at once. Chas. Schafer, Kankakee, Ill.

WANTED—Capable man to take charge of growing carnations, chrysanthemums, roses and general cut stock; business and equipment entirely new; good position for right party; must be able to produce best stock; must be of temperate habits and of good character; state salary expected; especial good chance for young man desiring advancement. Address The Calla Cut Flower Co., Calla, Ohio.

FOR SALE—Tank, 21 barrel, steel; cost $85.00, sell for $20.00; good as new. Gus Knoch, Woodmere, Mich.

FOR SALE—Half price: 3000 pots, 2½ to 4-inch; 5 boxes A glass, 10x28. F. J. Pratt, 528 2nd St., Faribault, Minn.

FOR SALE—One $8.00 Clipper lawn mower, never used; will sell for $4.50. Poole & Purliant, Bellefontaine, Ohio.

FOR SALE—A number of 4-inch and 6-inch hot water gate valves in good condition; will sell at half cost. Address Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

FOR SALE—Hot water heater in fine condition; has been heating 2000 feet glass and will heat more; will sell at half its value. McAdams Seed Co., Columbus Grove, Ohio.

FOR SALE—5000 ft. glass, good trade; good house and barn; fine grounds, five or more lots; in a natural gas city of 15,000; this is a snap. Address A. L. Harmon, Iola, Kan.

FOR SALE—Six greenhouses, two acres of land, and general stock of plants and 7000 carnation plants in field; must be sold before the 30th of August. Address P. O. Box 452, Clyde, Ohio.

FOR SALE—Good paying greenhouse, best location in city; well established trade; good place for the right party; will sell cheap if taken at once. For full particulars write Wm. Kraft, Oneida, N. Y.

FOR SALE—One 12 H. P. upright tubular boiler, price, $70; one hot water steel boiler, upright, return flue, magazine feed, hard coal or coke, price, $60; both in good repair. Llewelyn, Florist, Olean, N. Y.

FOR SALE—One marine boiler, 44 return flues; cost $550.00, a snap for $100.00 cash f. o. b.; also one small Weatherhead, suitable for propagating or small house; $25.00 takes it. Cottage Greenhouses, Litchfield, Ill.

FOR SALE—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890, are offered for sale; a good opening for a practical man. W. H. Hammersley, Lake Geneva, Wis.

FOR SALE—Boiler tubes, 3½-inch, 8c per foot. Nemaha Greenhouses, Seneca, Kan.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c foot; also some 4-inch; several small and medium-size boilers cheap; some 12x14 and larger double glass, $2.50 box. W. H. Salter, Rochester. N. Y.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Closing out sale of greenhouses; 40,000 feet of glass, sash bars, boilers and steam pumps; 1-in., 1¼-in., 1½-in., 2-in. and 2½-in. steam pipes and valves; hotbed sash, tools and pots; to be sold in part or whole: at very low price to close the estate of Grove P. Rawson, The Florist, 705 Winsor Ave., Elmira, N. Y.

FOR SALE—Lord & Burnham ventilating apparatus for half price; suitable for a 50-foot house or under; complete except shaft; 12 hangers; rods and arms for 1-inch shaft; gearwheel, worm and yoke; 6 bearers; hand wheel and connecting rod with stand; good as new; price $7.50. Wm. L. Puffer, Brockton, Mass.

FOR SALE—Or rent, in N. E. Iowa, a good florist business inside city limits of 5000; 12 acres of land; 10,000 feet of glass; heated with hot water; good 8-room house and a barn in the best of condition; a fine chance for a young florist; reason for selling, age. Address No. **59**, care Florists' Review, Chicago.

FOR SALE—The Alameda Greenhouses, Roswell, N. M.; a good florists' business in a western city of 8000; well established trade and prospects for future bright; 300 miles from any other greenhouse; 9-room dwelling, barn, artesian well; hydraulic ram pumps water to 2 large tanks; 5000 feet of glass; water heat; 9 lots, 50x160 each; have a good catalogue business; will sell for $12,000 cash; don't write unless you mean business. Mrs. J. P. Church, Roswell, New Mexico.

WANTED

The name and address of the person who sent an order for glass, and a money order for $45.00 to pay for same, to 320 Grand Ave.. Detroit, Mich. Address No. **80**, care Florists' Review, Chicago.

Mention The Review when you write.

NOTICE OF
ANNUAL MEETING

The Annual Meeting of the Florists' Hail Association of America will be held in S. A. F. O. H. Convention Hall, Washington, D. C., on Thursday afternoon, Aug. 17, 1905, at 2 p. m.

JOHN G. ESLER, Sec'y.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 10,000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE CHEAP
HOTBED SASH

250 new sash, 3x6 feet, cypress, glazed with 12x14 double strength A glass; painted 3 coats white lead and linseed oil; just bought, cost us $3.75 complete; for sale at $2.25 apiece; 25 or more at $2.00. Also 100 boxes 16x24 B double strength glass, some never unpacked, at $2.20 per box; 125 boxes 16x24 single A, $1.50 per box. **Cash.**

CLIFTON HILL FLORAL CO., Omaha, Neb.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review, Chicago.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

FIRST shipments of French Romans are at hand.

HENRY CRATZ, of Cratz Bros., clover seed dealers, at Toledo, O., died July 25, aged 57 years.

BEANS are still doing what is expected of them. No unfavorable reports have been received for some time.

RECENT arrivals from Europe are L. W. Bowen and D. M. Ferry, Jr., Detroit, who reached New York July 26.

THE Texas Seed & Floral Co., Dallas, Tex., will erect a seed warehouse 50x150 and four stories high, with track facilities.

EXTRA Early and Alaska peas are harvested for the most part and the growers estimate that they will thresh out a fair average crop.

FRANK RUE has bought the seed department of the J. C. Murray business at Peoria, Ill., with which he has been connected for some time.

AN English judge sustained the seedsman's non-warranty clause although a nondescript kale grew where the seed was bought as Best of All purple top swede.

THE Haven Seed Co., which in 1903 removed from South Haven, Mich., to Arroyo Grande, Cal., has now removed to Lodi, in San Joaquin county. The members of the firm are E. M. and A. B. Haven.

WITH the government still at it, and all the large mail order houses going after it, how much of an increase will the mail order seed houses be able to show in the year of the next census over the year of the last census?

IN a recent inquiry for a low price on onion sets the prospective buyer stipulated that anything larger than a golf ball need not be quoted. This gives the grower fully a better leeway than the inch and an eighth screen that is sometimes mentioned in quoting an off grade.

THE shakeup in the U. S. Department of Agriculture has resulted in the resignation of Prof. George T. Moore, who perfected the method of preparing nitroculture and in whose name the government took a patent on the process. It was found that Prof. Moore was financially interested in the Nitro-Culture Co., Westchester, Pa.

THE onion set crop for this year, as indicated in a recent issue of this paper, will be fully one-third less than the crop of 1904. The unevenness of the crop at all the growing points has cut the yield of good, merchantable sets far below the expectations of the least optimistic of the growers. The harvest is about two-thirds finished and the remaining one-third will add its full proportion to the shortage.

LEONARD SEED CO. CHICAGO

ONION SETS.
Our plantings for the new crop are about ready to harvest.
We take orders now for delivery this fall or next spring.
Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

WANTED
DRIED LYCOPODIUM
in large or small lots. Write with lowest prices to
H. Bayersdorfer & Co., Philadelphia, Pa.

PEAS AND BEANS.

W. H. Grenell, Saginaw, Mich., writes as follows, under date of July 29:

"The heavy rains at planting time shortened the crops of peas and beans in this section and then the continuous rains from July 1 to 15 completely destroyed the early varieties of peas. Farther north the damage is not so great and crops will be fair. The effect of the rain has been equally bad in central Wisconsin.

"Beans were put in very late on account of wet weather and may be materially shortened by frost. Some fields are turning yellow at this time and will amount to nothing. However, if frost holds off a reasonable length of time the bean crop should be a fair one.

"Hay, oats and wheat had a very fine growth, but are very badly damaged and a large percentage entirely lost."

SEED GROWING IN CALIFORNIA.

[A paper by Lester L. Morse, Santa Clara, Cal., read before the American Seed Trade Association at its meeting at Alexandria Bay, N. Y.]

There is probably no one in the seed trade in America who is not more or less familiar with some California seed. It would be impossible now for a dealer to make up his stock without a large part of the important items coming from California and those who have spent many years in the seed business must be impressed with the constantly increasing list of kinds and varieties that the seed growers here are now growing.

Many of the seed dealers have visited the Pacific Coast and have some knowledge of conditions here, or as much knowledge as can be gained from a flying trip. But the phenomenal growth of the seed business as a business has brought a large number of new men into the field who have not yet visited California and it is to these men that I trust my paper will prove of special interest.

When we speak of California, we comprehend a large territory, with a great variety of climates, and soils, and conditions, for California is a state 770 miles long and 375 miles wide, with two long mountain ranges, two great plains, a number of great mountain peaks, several great rivers, and a number of very fertile and highly cultivated valleys. There are coast counties, mountain counties and counties in the interior, fifty-seven in all, some of them as large as eastern states. Japan, with its forty millions of people, covers only ninety-five per cent of the area of California with its one and a half millions of people, and there is a great deal more fertile soil here than in Japan.

The seed farms are all situated in what we call the coast counties, and south of San Francisco. The principal section is Santa Clara county, extending from thirty to eighty miles south of San Francisco. The adjacent county of Alameda, a few miles nearer and on the eastern side of San Francisco Bay, also contains several seed farms, quite an area being devoted to garden peas. From Santa Clara south there are no general seed farms for 270 miles, or in San Luis Obispo county, although at Watsonville,

NEW CROP SEED
Of my well-known
Christmas Sweet Peas
will be ready the first week in August next.
ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.
All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.
ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, N. J.

SEED GROWERS
Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address
A. A. BERRY SEED COMPANY, Clarinda, Ia.

LILIES
Lilium Harrisii, Calla Lily, Lilium Longiflorum. Paper White Narcissus, Roman and Dutch Bulbs for summer and fall. Will quote you prices that will save you money.
D. RUSCONI, 32 W. 6th St., Cincinnati, O.

Mention The Review when you write.

in the Pajaro valley, 100 miles south, there are large areas devoted to beans and sugar beets. Then in Lompoc valley, 300 miles south, is a very fertile district devoted to large areas of beans and commercial mustard.

Then farther south, 400 miles from San Francisco, is Santa Barbara and San Buena Ventura counties, where nearly the world's supply of lima beans is grown, but little else in the seedsmen's line. Still farther south, near Los Angeles and 500 miles south of San Francisco, there is some general seed growing and some lima bean growing.

Then north of San Francisco, about 200 miles up the coast, is Humboldt county, where fine garden peas have been grown for many years. This section is reached by ocean steamer or by a long stage ride and is difficult to visit. The experimental grounds of Luther Burbank are near Santa Rosa, about seventy-five miles north of San Francisco, in the Santa Rosa valley. The pea growing at Humboldt and Mr. Burbank's grounds are practically the only seed growing sections north of San Francisco.

There are large areas devoted to watermelon growing in San Joaquin county near Stockton, west of San Francisco about a hundred miles. Here melons are grown on a very extensive scale and shipped to all parts of the coast. While some seed is saved by some of the market growers, there is no regular vine-seed grower in the district, nor elsewhere in California. There is an immense area of fine soil in this section and also great tracts of very fertile soil for many miles about Stockton and Sacramento, but the climate is usually very warm in summer and represents what we term the interior districts. Most seed crops do better where the sea breezes keep the climate cool and moderate throughout the summer.

There are very large areas of reclaimed tule lands in and about the Sacramento and San Joaquin rivers, about midway between San Francisco and Sacramento and Stockton. These islands are peat lands and are extremely fertile, but are only protected by very high levees, and are always subject to overflow. An unusual inundation of a number of the largest islands in the spring of 1904 destroyed some seed crops and since that time practically all the seed growers have left these islands completely. A few years ago no less than 1,500 acres on Grand Island, Andrus Island, Tyler Island and other points were devoted to seed crops, such as onion, radish, carrot, etc.

While for nearly thirty years, California has been a factor in seed growing, the staple articles have usually been represented by onion and lettuce in the vegetable line, and in flower seeds by sweet peas. The list, however, has expanded very widely and, excepting sweet corn and melons, practically everything in the seed list is grown in California. Not that we produce any considerable supply of such items as cabbage, cauliflower, turnip or vine seeds, but they can be and will be grown here more or less in the future.

Most of the seed growing is on low, wet lands, well drained, and while some irrigating is done, the crops are generally dependent on rainfall. The planting begins early, usually in November and continues until about March 1. Onion bulbs are usually all set out and covered before January 1 and the seed for the next crop of bulbs is sown in January. While the mornings are cold at times during the winter, the thermometer rarely registers below 28 degrees, and planting is done throughout the winter, much as it is done in spring in colder countries.

The soil selected for seed is of several characters, the larger part of it being heavy, black adobe. Light sandy loam and stiff loams are also used for certain crops, but no gravelly or rocky lands or clay soils. Very few of the present seed farms have occupied their present situations for more than ten years and most of them for a less period. No fertilizer is used, or has been since it has proven cheaper to move to new locations than to continue a long time on one place and restore the exhausted soils with the aid of fertilizers. The long, dry summers and large proportions of sunshine help, in a large measure, to keep the soil in full strength. The long summers, usually free from rain after the middle of May until November 1, afford perfect ripening and harvesting conditions.

The curing, threshing and preliminary cleaning of seed crops is all done outdoors, on the land where the crops have grown. The only buildings required on a seed farm for the seed are rough cleaning houses and storage rooms. This is in marked contrast to the seed farms in Germany, where practically all of the crops are cured under cover, requiring very large and costly buildings for this purpose. The samples of California-grown seeds are usually bright and well-filled and of high vitality, all largely due to the cool but dry weather during harvest time. The opportunities for keeping all varieties free from mixture are superior also, since a crop need not be moved from the place where it has been grown until it is threshed and chaffed and put in bags with its proper tag and label.

The crops are usually cut in the mornings on account of the dew, which is most always heavy. As soon as cut, such seeds as shell easily are carried to white cotton drying sheets and spread out and left from two to three days to as many weeks, or until perfectly dry and thoroughly cured. The harvest sea-

IMMORTELLES Dyed and Natural
Season 1905-1906
HERMITTE, LEMOYNE & CO.
Dealers and Dyers of Immortelles at Ollioules, (Var), France
inform their customers that by reason of the abundant crop of this year they are able to offer Immortelles, dyed and natural, in first choice, at prices much lower than those of last year. Samples and price list will be sent free on application. Telegraphic address, Lemoyne, Ollioules.
Mention The Review when you write.

HENRY METTE
QUEDLINBURG, GERMANY
Grower and Exporter of Choice
Beet, Vegetable and Flower Seed
PANSIES
Mette's "Triumph of the Giants," the most perfect and most beautiful in the world, $5.00 per oz., $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with Order.
Mention The Review when you write.

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

ROSES Novelties Forcing and Bedding varieties. Field-grown, strong and healthy.
PETER LAMBERT, Trier, Germany.
Mention The Review when you write

CYCLAMEN Weigelt's Gigantic-Bloomed cultures, unexcelled in form and fertility. NEW CROP WARRANTED.
4001, brilliant pink-carmine; 4002, glowing red; 4003, deep-dark red, 4004, brilliant pink; 4005, snow white; 4006, lilac colored; 4007, white with eye. Each shade, 100 seeds, 40c; 1000 seeds, $3.50; 10,000 seeds, $25.00. Splendid mixture of above kinds: 100 seeds, 30c; 1000 seeds, $2.50; 10,000 seeds, $23.75.
EXHIBITION FLOWERS
No. 605—Harvested exclusively from select, finely fringed elite flowers, brilliantly shaded, the best cyclamen of the world, 1 pkg., 25c; 100 seeds, $1.00; 1000 seeds, $8.75.
SALMONEUM
6016—Novelty of the first rank; salmon-pink to scarlet, considerably improved by us, 100 seeds, $1.00; 1000 seeds, $8.75.
ROCOCO
NEW! Produces blooms of up to 4 inches in diameter. The best novelty out: competing in color effects with orchids. 100 seeds, $1.75; 1000 seeds, $15.00.
SNOWFLAKES
NEW! Glossy like silk and pure white. The blooms are of gigantic size, covering the plant during the blooming season like big snowflakes. Best kind for wreaths. 100 seeds, $1.00; 1000 seeds $8.75.
To give our Cyclamen a trial is to become our steady customer.
Catalogues free to any address.
WEIGELT & CO., Erfurt, Germany
Specialists in Seed Cultures.

The Tottenham Nurseries Ltd.
(Established in 1872.)
Managing Director, A. M. C. VAN DER E? ST.
Dedemsvaart, Holland.
Headquarters for Hardy Perennials, among which are the latest and choicest. 13 acres devoted for growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for catalog.
Mention The Review when you write.

Captains Island

Lilium Harrisii Never Looked Better.

We are in possession of a consignment which arrived July 15, and are offering in case lots only, while they last: 5 to 7, 400 to a case, at $3.00 per 100 or $12.00 per case. 7 to 9, 200 to a case, at $6.00 per 100 or $12.00 per case.

Address all correspondence to Auction Dept. **W. ELLIOTT & SONS, NEW YORK**

son extends over a period of about six months, beginning with salsify and spinach in May and closing with leek, cucumber and tomato about November 1.

Perhaps an estimate of the areas devoted to the several crops will be interesting, but as I have compiled them rather rudely, I trust they will not be accepted as definite. They are at least approximately correct and represent the state of California only. I will mention the kinds only that include twenty-five acres or over; beet, fifty acres; carrot, 200 acres; celery and celeriae, fifty acres; cucumber, 250 acres; endive, twenty-five acres; leek, twenty-five acres; lettuce, 300 acres; curled mustard, twenty-five acres; onion, 2,000 acres; parsley, twenty-five acres; parsnip, twenty-five acres; radish, 500 acres; salsify, twenty-five acres; spinach, 100 acres; tomato, 125 acres; sweet peas, 750 acres; nasturtiums, fifty acres; other flower seeds, fifty acres; turnip, 100 acres; cabbage, twenty-five acres; garden peas, 1,000 acres; pole beans, 1,500 acres; bush beans, 750 acres; lima beans, 2,000 acres.

I have not included in these figures any commercial mustards, or market eating beans, but only what is wholly grown for the seed trade. My total figures make just about 10,000 acres. Included in this estimate is the item of miscellaneous flower seeds, a feature that promises greater proportionate expansion than any other line. A better knowledge of methods and selection and general type development is all that is necessary to give California flower seeds an equal reputation with those of any other country, with the very great advantage of a strong vitality and a fine sample of seed. The flower seed list includes asters, centaureas, marigolds, poppies, mignonette, eschscholtzias and smaller breadths of a score of other flowers.

I am not sure that I have enumerated enough in detail the varied crops of a California seed farm but I trust I have said enough to convince the convention that a visit to California in May and June would be an attractive excursion. The sweet peas are in bloom, the lettuce fields are great, varied-colored lawns, the onions are oceans of silver green, radish a forest of white, fragrant bouquets, and all nature is glorious in California in May. Then is the best time to come. The glory holds till well into June and June is a good time to come. The harvest begins to prediet itself in July and the seedsman brings his note book and figures possibilities in July and therefore July is a good time to come.

One can begin at Seattle and travel south to Los Angeles and go home from there, or reverse the order. Stops can be made all along the way and all the seed farms can be visited without retracing any part of the trip.

LILIUM HARRISII

SELECTED HIGH GRADE BULBS. NOW READY FOR SHIPMENT.

Size	Prices per 100	Per 1000
5 to 7 inches	$4.00	$36 00
6 to 7 inches	4.75	42 50
7 to 9 inches	8.60	75.00
9 to 12 inches	18.00	160.00

Write for list of prices of other Bulbs, Plants, etc.

CURRIE BROS. CO.
MILWAUKEE, WIS.

Mention The Review when you write.

PANSY SEED

Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order. Plants ready September 1.

PETER BROWN
LANCASTER, PA.

Mention The Review when you write.

PANSY

HOLMES' MAMMOTH EXHIBITION STRAIN.

Positively unsurpassed in size and markings. **Satisfaction guaranteed or money refunded. New crop seed** in any quantity. **Special price** for trial package (1000 seeds), **75c**; trade packet, (2000 seeds), **$1.25.**

Write for special wholesale prices on larger quantities. Send your list of Fall Bulbs for **SPECIAL QUOTATIONS.**

Holmes Seed Co. Harrisburg, Pa. **SEED**

Mention The Review when you write.

RAWSON'S
Mid-Summer Catalogue
Hardy Perennial Seeds
Sent on Application.

W. W. RAWSON & CO., SEEDSMEN,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Cyclamen Seed

FRESH CROP. Clean, Plump Seed

These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.

BAUR & SMITH
38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

FISCHER'S
Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER
GREAT NECK, L. I., N. Y.

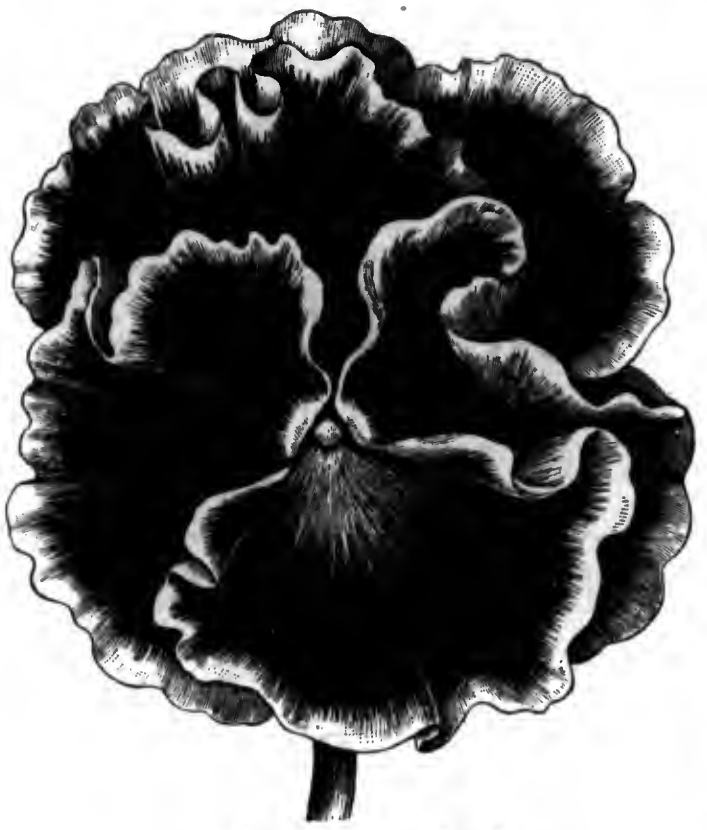
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NARCISSUS

Surplus stock. **50,000** strong, blooming bulbs. Fine for Decoration Day (grown north of Chicago). In four hardy sorts, double and single, 60c per 100; $5.00 per 1000.

F. A. BALLER, BLOOMINGTON, ILL.

Mention The Review when you write.



ONE OF OUR KINGLY PANSIES.

JOHNSON & STOKES'
KINGLY COLLECTION OF
Prize-Winner Pansies

JOHNSON & STOKES' KINGLY COLLECTION OF GIANT PANSIES
embraces the **PRIZE-WINNING STRAINS** of the world's best specialists.

It is absolutely unrivaled in range of magnificent colors, size and substance, and no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds), 30c; trade packet (2000 seeds), 50c; 5000 seeds $1.00; per oz., $5.00.

	Per large Tr. Pkt. (2000 seeds)	Per Oz.
Giant Adonis, beautiful light blue	25c	$1 50
Giant Prince Bismarck, beautiful shades of brown	25c	1 50
Giant Striped	25c	1.50
Giant Peacock, ultramarine blue, claret and white, extra	40c	3.00
Giant Emperor William, the best blue	25c	1.25
Giant Black	25c	1 25
Giant White with dark eye	25c	1.50
Giant Trimardeau, choice mixed	25c	1.00
Giant Fire King, golden yellow, upper petals purple	25c	1.50
Giant Mme. Perret (grown by Lucian Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors	40c	2 50
Giant Lord Beaconsfield, purple, white petals	25c	1 25
Giant Yellow, with dark eye, fine	25c	1 50
Bugnot's Superb Blotched	40c	4 00
Cassier's Giant Five Blotched	40c	3 50
Masterpiece, a magnificent variety with curled petals and many rich colors,	40c	3 50
Giant Orchid-Flowered, (new) beautiful, rare shades	50c	5 00
Giant Odier, extra large blotched, rich colors	40c	3 00
Imperial German, mixed, a rich strain	40c	3 00
Giant Parisian, brilliant colors, mostly five blotched, fine	30c	1.75

What our customers say of the KINGLY COLLECTION PANSY:
I know you have the finest pansies, because I had them before and beat everyone in Colorado with your strain—G. FLEISCHER, Pueblo, Colorado.

Popular Pansies
Headquarters for the Best English, French and German Strains.

	Large trade pkt. (2000 seeds)	Oz.
Azure blue	$0.20	
Belgian striped	.20	$0.75
Black (Faust)	.20	.75
Bronze shades	.20	.75
Emperor Frederick, (new), dark red	.20	.75
Emperor William, ultramarine blue	.20	.75
English, large flowering, fine mixed	.25	1.00
Fire Dragon, fiery orange and bronze	.20	.75
Fire King, gol'n yel'w, up'r pet's purple	.20	.75
French, large flowering, finest mixed	$0 20	$0.80
Lord Beaconsfield, deep purple violet	.20	.75
Prince Bismarck, beautiful golden br'ze	.20	.75
Quadricolor, or pheasant's eye (rainbow)	.20	.75
Snow Queen, satiny white	.20	.75
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PITTSBURG.

The Market.

We are in the midst of the idle season and many of the retailers are taking their vacations; those who remain are trying to make themselves as comfortable as possible, but I believe the worst is over. There is more stock of all kinds coming in and, while carnations are about down and out, asters are here in quantity and quality. Gladioli and lilies are abundant and roses are gradually improving. Beauties are small but fine for July. Up to date most of the stores are holding their own with other years, while the wholesalers are ahead of other seasons up to this time.

Various Notes.

The committee on transportation to the S. A. F. convention has arranged a very interesting and inexpensive itinerary and would like to make up a good-size party. They invite any friends interested outside of the club to join the party. At present those who have arranged to attend are Fred Burki, E. C. Reineman and family, Jos. Thomas, of Greensburg; J. W. Ludwig and wife, E. C. Ludwig and family, Gustav Ludwig and family, H. L. Blind and Howard Carney.

F. H. Westhoff, of Allison park, is adding two new carnation houses which are about completed.

Miss Lilly Geib, stenographer of the Cut Flower Co., is again at her post after a two weeks' vacation in the wilds of Blairsville, Pa. T. P. Langhans, secretary of the same firm, has taken his family to Chautauqua, but expects to spend a few days fishing in Canada.

Howard Carney, of J. B. Murdoch & Co., is a member of the crack volunteer hose company of the United States. They broke the time record in their last competition.

John Bader and H. L. Blind have returned from New York and Philadelphia, where they spent part of last week.

L. I. Neff is making many improvements at his Cheswick place, and stock there is looking very fine. They have just commenced planting carnations.

The S. A. F. Convention is close at hand and everyone is interested in knowing all about

What You Will Show

in the Trades' Display. Tell them about it in the next issue of

The Review

Kentias
As good as can be grown.
JOSEPH HEACOCK, Wyncote, Pa.

J. Elicker, of Homestead, is adding a couple of houses to his plant to take care of the increased demand for bedding stock in that neighborhood.

G. H. Pieser, secretary of Kennicott Bros. Co., Chicago, was one of the visitors last week.

John Orth, of McKeesport, stopped in the city long enough to say his houses were about finished and planting nearly done. Hoo-Hoo.

GLEN COVE, N. Y.

The July meeting of the Nassau County Horticultural Society was held at the Glen Cove Greenhouses. The attendance of members was large; in fact, the largest in the history of this young society. President Harrison occupied the chair. One new member was elected and one proposed. The exhibition table was decorated with a vase of Centaurea imperialis, a charming hardy annual; a collection of Japanese iris, large and in various colors; Elæagnus longipes in fruit; a dish of potatoes, Firstling, a very early potato of good size and shape, and clusters of Stirling Castle tomato, without doubt a grand table tomato, of perfect shape and color and a free setter.

The chief business of the evening was the launching of a schedule for a flower show to be held in Glen Cove in the beginning of November. J. F. J.

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" " Ordinary	2 00 to	3.00
Liberty, Select	6 00 to	10 00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters, Select	1.50 to	2.00
" Common	.50 to	1.00
Orchids	15.00 to	25.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-60c		
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Cornflowers	.25 to	.50
Daisies, yellow	.50 to	.75
Water Lilies		2.00
Pyrethrum per bunch 10c to 12½c		
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Gladioli	2.00 to	3.00
Dahlias		1.00
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"	Shorts	.50 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
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Orchids, Cattleyas		50.00 to 75.00
Carnations, Common		.25 to .50
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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

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	Per 100
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" Extra	4.00 to 10 00
" Short Stems	2.00 to 4.00
Brides, Specials	1.00 to 2.00
" Seconds	.50
Bridesmaids, Specials	2.00 to 3.00
" Seconds	.50 to 1.00
Carnots, Kaiserins	1.00 to 6.00
Liberty	1.00 to 6 00
Carnations, Special	1.00 to 1.50
" Select	.75
" Ordinary	.40 to .60
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 12.50
Adiantum	.75 to 1.00
Sweet Peas	.10 to .25
Gladioli	2.00 to 5.00
Asters	.75 to 1.50

Buffalo, August 2.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	5 00 to 6 00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6 00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	1.00 to 2 00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	4.00 to 5.00
Gladioli	2.00 to 3.00
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WHOLESALE FLORISTS
58-60 Wabash Ave., CHICAGO
Write for Special Prices
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Wholesale Cut Flower Prices.

Chicago, August 2.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2 50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	2.00 to	4.00
Kaiserin	3.00 to	8.00
Chatenay	2.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Asters	.50 to	2.00
Harrisii	10.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies		1.00
Daisies		.50
Gladioli	1.50 to	2.50
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns ...per 1000, $1.00 to $1.50		.20
Galax ...per 1000, 1.00 to 1.50		.15
Adiantum Cuneatum		.75
Smilax ...per doz., $1.50		

I DO not think any one can carry on the florist business to the best success without the REVIEW.—MAX SCHREISER, McDonald, Pa.

ENCLOSED is a dollar in currency for which please renew my subscription to the REVIEW. We would feel lost to the trade if we were without your paper.—THE NUNNALLY CO., Atlanta, Ga.

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CUT FLOWERS
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Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

All flowers are perfectly fresh and properly packed.
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Wholesale Cut Flower Prices.

St. Louis, August 2.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $6.00
" " No 1	2.00 to 3.00
Golden Gate	3.00 to 5.00
Liberty	2.00 to 5.00
Kaiserin	3.00 to 5.00
Carnots	3.00 to 6.00
Carnations, Common	.75
" Select	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1 00 to 2.00
Lily of the Valley	2.00 to 3.00
Smilax	15.00
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	2.00 to 3.00
Asters	.50 to 1.00
Gladioli	2.00 to 3.00

Milwaukee, August 2.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Best	6.00
" " Seconds	2.00 to 4.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	2.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	1.00
" Fancies	2.00
Asparagus Plumosus, Strings	50.00
" Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longifiorums	10.00
Sweet Peas	.25
Daisies	.50
Smilax	20.00
Ferns	.25

Cleveland, August 2.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Sweet Peas	.25

HERE is another dollar for the REVIEW; it is both profitable and interesting reading.—E. R. BESS, Canon City, Colo.

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Wholesale Cut Flower Prices.

Cincinnati, August 2.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 2.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15 00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Sweet Peas	.15 to .50
Gladioli	3.00 to 5.00

Pittsburg, August 2.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 8.00
" Sho ts	2.00 to 3.00
Brides and Ma ds	1.00 to 5.00
Cusin	1.00 to 4.00
Kaiserins	2.00 to 12.00
Perle	2.00 to 4.00
Carnations	.75 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12 00 to 15.00
Sweet Peas	.15 to .20
Asters	.75 to 2.00
Gladioli	2.00 to 4.00

IT takes a large stock to stand an adv. running long in the REVIEW.—STOVER FLORAL CO., Grandville, Mich.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

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New crop, extra fine and hardy.

FANCY FERNS	Per 1000, $1.00
DAGGER FERNS	" " 1.00
GREEN GALAX	" " .60
LEUCOTHOE SPRAYS	" " 3.00

Twelve years experience. Send cash with first order.

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Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

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WASHINGTON.

Convention Preparations.

The regular weekly meeting of the Washington Florists' Club was held Monday, July 20, for the purpose of receiving reports from the outstanding committees and the transaction of other business in connection with the coming convention. The meeting was well attended and highly satisfactory in all respects.

Chairman W. F. Gude, of the reception committee, recommended that the president's reception be held in the open air, an entertainment similar to the regular lawn fete. He proposes having a brass band of about fifty pieces to furnish music while the usual refreshments are being served throughout the evening.

Though this is an innovation from the usual evening dress affair, customary heretofore, it was received with great favor by those present. It has been arranged to have the lawn lighted on this occasion by the full moon, assisted by several hundred incandescent lights, which no doubt will furnish a scene as beautiful to the eye as the other features will be comforting to the body. Special cars will be provided to carry every one from the convention hall out to the scene of action.

Music, refreshments and good cheer will be in such abundance that we trust those present will call themselves fortunate in being able to recall the auspicious opening of what the Washington florists hope to make one of the most successful meetings in the history of the S. A. F. B.

Band Concerts.

Uncle Sam's contribution to the entertainment of visitors during convention week in Washington will be many and varied but among them a series of concerts by some of the military bands stationed around Washington will be most enjoyable. The following schedule is announced for convention week:

Monday, Aug. 14, U. S. Cavalry band in the Smithsonian grounds, 7:30 to 9 p. m.
Tuesday, Aug. 15, U. S. Engineer band in Washington Circle, 7:30 to 9 p. m.
Thursday, Aug. 17, U. S. Cavalry band in Judiciary park, 7:30 to 9 p. m.
Friday, Aug. 18, U. S. Engineer band in Iowa Circle, 7:30 to 9 p. m.

It is also expected that the world-famous Marine band will give its regular concerts on Wednesday evening at the Capitol grounds, and on Saturday at the White House grounds.

These places are all accessible by street cars. J. H. Freeman.

WASHINGTON HOTELS.

The following list of hotels and rates is supplied by the hotel committee of the Washington Florists' Club:

The Shoreham, Fifteenth and H streets N. W., six squares from meeting hall; single rooms, one person, $2 per day; single rooms, two persons, $3 per day; room with bath, one person, $3 per day; room with bath, two persons, $4 per day; suites of parlor and two bedrooms with bath, $10 per day.

Arlington, Vermont avenue and H street N. W., seven squares from hall; $2 per day for each person.

Manhattan, 604 Ninth street N. W., European plan, one square from hall; for men only; $1 per day and upward.

Colonial, Fifteenth and H streets N W., Europeon plan, six squares from hall; single room, $1 per day.

St. James, Sixth and Pennsylvania avenue N. W., European plan, seven squares from hall; single rooms, $1 to $2.50 per day; room with bath, $2.50 per day; suites with bath, $3 to $4 per day.

Columbia, for men only, 1413 Pennsylvania avenue N. W., six squares from hall; room for one person, $1.50 per day; two persons, $2.50 per day.

Metropolitan, Sixth and Pennsylvania avenue N. W., seven squares from hall; American plan, $2.50 to $4 per day; European plan $1 to $3 per day.

Johnson, Thirteenth and E streets N. W., four squares from hall; European plan, $1 per day and upward; American plan, $2.50 to $4 per day.

Cochran, Fourteenth and K streets N. W., seven squares from the hall; $1.50 per day, with bath $2 per day.

Fredonia, 1321 H street N. W., five squares from hall, American plan, single room $2 per day and up, double room $3.50 per day and up; European plan, single room, $1 per day and up, double room $1.50 and up.

National, Sixth street and Pennsylvania avenue, seven squares from hall; American plan, $2.50 per day, two in a room $2 per day; European plan, $1 per day and up.

Riggs, G and Fifteenth streets N. W., five squares from hall; $3 per day and up.

Ebbitt House, F and Fourteenth streets, five squares from hall, American plan, special rate of $2.50 per day, parlors and bath extra.

Fritz Reuter, Fourth street and Pennsylvania avenue N. W., five squares from hall, $1 to $4 per day.

Hotel Raleigh, Twelfth and Pennsylvania avenue N. W., four squares from hall; $2 per day and up.

The Washington Florists' Club especially recommends the Shoreham, Arlington, St. James, Colonial, Metropolitan, Johnson, Fredonia, National, Riggs, Ebbitt House and Raleigh.

The Review will send the Pronouncing Dictionary on receipt of 25c.

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Wholesale and Retail Dealer in all kinds of
EVERGREENS
Fancy and Dagger Ferns
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IN THE WEST. Catalogue free.
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ROSES High Grade cut blooms at all times
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Retail Orders Promptly and Tastefully Executed.

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ATLANTA FLORAL CO.

41 Peachtree Street, ATLANTA, GEORGIA

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Mrs. Chas. Eickholt,

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FRED C. WEBER, FLORIST,

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CLARKE BROS., 289 Morrison St.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

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ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

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L. D. Bell Phone 144X. 104 So. Carolina Ave.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
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will take proper care of your orders in

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LEIKENS

Near the Waldorf-Astoria

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THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

U. S. TESTING GARDEN.

In some special cases, notably in California, close co-operation has been effected between the U. S. Department of Agriculture and the state experiment stations, having for its object the establishment of important testing gardens and other allied work. With the assistance of the officers of the California experiment station a testing garden has been established at Chico. The land for this garden has been donated to the experiment station, to be held in trust by the station for the use of the Bureau of Plant Industry. It is planned to carry on extensive work here in the matter of testing grains, fruits and other crops especially adapted to the Pacific Coast.

SAN FRANCISCO.

The Market.

The weather continues favorable for handling flowers, but business has gone. Up to a week ago there was something doing in a social way, but now even that has entirely stopped and funeral work has disappeared completely. Carnations had a severe roasting from the hot spell a couple of weeks ago and as a result they are not yet up to color or size, although the quality seems to be improving in the dark weather we are now having. Roses are also small and weak from the same cause, but are improving daily. Asters are not yet very plentiful; it will be more than a week before we have them in quantities. Outdoor stock of all kinds is plentiful except long-stemmed peas, which are very scarce. Gladioli are being sold by the growers at from $1.50 to $2.50 per hundred. Lilies and valley are almost out of the market and tuberoses are being sold in considerable quantities. Maidenhair is extra good now, but asparagus is scarcer. All kinds of green stuff and wild flowers are getting shorter in supply. Owing to the continued cold weather we may expect people back to town early next month, when business should commence again.

Various Notes.

D. H. Lenox, of Los Angeles, is here on a visit. Mr. Lenox recently disposed of his retail business and will take a few months' rest before opening a new establishment.

Frank Armanino is cutting quantities of Kaiserin roses at present. He recently leased the greenhouses of the late Charles Hasselbacher, near Berkeley.

The Cox Seed Co. has erected a new office building at the entrance to its grounds at Glen Echo.

John Vallance is back in town. He spent several weeks on his ranch at Livermore.

Charles Holtze, of Seattle, is in San Francisco renewing old acquaintances and incidentally looking up stock for the coming season. He reports a very fair spring trado and prospects good for another active season.

John Cooke, the pioneer florist, is dangerously ill at his residence in Berkeley.

J. H. Gilmore has taken charge of the greenhouses of Domoto Bros., at Elmhurst.

The joint committees appointed by the California State Floral Society and the Pacific Coast Horticultural Society have arranged for the coming exhibition to be held in the nave of the Ferry building, November 9 to 11.

S. Clack is on his annual trip to Oregon and Washington.

A visit to the grounds of Thorsted & Co., at Fruitvale, shows the outdoor carnations in splendid shape and ready to be transplanted under glass. This firm is at present erecting another house 27x 200 feet, making seven houses in all.

G.

THF JAPANESE QUESTION.

The Japanese as a Gardener.

The Japanese are naturally fond of flowers and make fair gardeners, even in this country, where we do not trend toward the dwarfing of vegetation or the manufacturing of grotesque designs. They are not suitable for heavy work, but for the ordinary care of greenhouses and the growing and care of plants they have good success, and, although not rapid workers, accomplish a fair day's work. They are patient and sober but not as reliable as Chinese as a whole. They have made great strides in the line of gardening in private places and have displaced many hundreds of white gardeners in this section. They usually work at from 50 cents to $1 per day less.

The Japanese as a Wholesaler.

One of the largest establishments in California is owned and managed by Japanese, not one of whom can more than barely make himself understood in English. About fifty men are employed and the products are sent daily to San Francisco. A large portion of the plant is devoted to the growing of ferns and palms, and, although the quality of the stock is not up to that produced by other growers, it is sold cheaper and is eagerly bought by the smaller stores on that account. Carnations and roses are also grown in large quantities and have the same fault; the quality is never first-class. I think this condition will be found with all the Japanese growers. They certainly as yet are no competition with the rest of the growers when quality is considered. There are about 500 men employed in the various wholesale places in the vicinity of San Francisco.

The Japanese as a Retailer.

Said one of the largest Japanese growers to me a few days ago: "If the white men do not buy our flowers we will start retail stores all over town and market our own products. We are bound to get the best of the florists' business." As yet the Japanese have not started many stores, probably half a dozen in Oakland and San Francisco, but those that are established are doing considerable business in a small way, and I do not see what is to prevent them from carrying out the project as outlined to me. They are keen business men, crafty and cunning, and they pursue the same

HANNAH HOBART THE PRIDE OF CALIFORNIA

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: **"When will the Hannah Hobart be for sale?"** This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906.

Send your orders in early because they will be filled strictly in rotation. **Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.**

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

Calla Bulbs!

for August delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

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ALEX MANN, Jr.

Importer and Dealer in

Florists' Supplies

AND CUT FLOWERS AT WHOLESALE

1441 POLK STREET

Tel. East 641 SAN FRANCISCO

Mention The Review when you write.

taetics in a retail store that they do in their wholesale establishments; that is, to undersell the white man. A great portion of the publie seem to be constantly hunting for something cheap and naturally they will patronize the Japanese retail stores when more of them are started.

What is to be Done?

The white growers are beginning to feel in a most uncomfortable way the competition of the Japanese, for whom they are no match when it is a proposition involving a fair price paid to labor and the cheap produetion of cut flowers. Certainly the Japanese raise, as a rule, only second quality stock, but they are growing that in such vast quantities that they have corralled a large portion of the trade from the smaller stores and the street hucksters. The wholesale dealers have had several meetings to consider the question and various plans have been proposed to regulate it, but as yet nothing definite has been attempted.

In eonclusion, I might say that this we know positively, that the Japanese have eompletely ruined several branches of trade on this coast, and many of us are beginning to wonder if the florists' trade will be the next. G.

GEORGETOWN, ILL.—Jay M. Frazier started in business three years ago with 3,500 feet of glass and without any knowledge of the trade. He now has 10,000 feet of modern glass which he handles profitably without any experienced assistant. He says that he gives a large part of the credit for his success to what he learned from the REVIEW.

CALLA BULBS

In Boxes Waiting Your Order.

25 cases, 3 inches diameter, 250 bulbs in case, $17.50 per case
40 " 2½ " " " 15.00 "
62 " 2 " " " 11.00 "
30 " 1½ " " " 8.00 "

ELLIOTT'S LITTLE GEM Calla Dormant Bulbs, $1.20 per 100; $10.00 per 1000.

ASPARAGUS PL. NANUS, strong, 3-in., $25.00 per 1000.

Freight prepaid on above prices. **CASH.**

A. MITTING, 17 TO 23 KENNAN ST., **Santa Cruz, Cal.**

Mention The Review when you write.

CALLA BULBS

READY AUGUST 1st.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

F. O. B. Niles, California.

CALIFORNIA NURSERY CO., Niles, Cal.

Mention The Review when you write.

FREESIAS

READY FOR DELIVERY—Fine stock in any quantity, up to ⅛ inch. Grand Duchess Oxalis, pink, white and lavender. Amaryllis Johnsonii and Belladona, Chlidanthus fragrans.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2 00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3 00
Pansy, California Giants, mixed, ⅛ ounce, 2 00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.
You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Queen Beatrice

CINCINNATI, O.—Edward A. Schumann and Fred C. Schumann are now associated in business with their father, the firm name being Edward Schumann & Sons.

OSHKOSH, WIS.—Fugleberg & Flister are building three houses 20x75 feet, to eost about $2,000, to give them needed room. The material, including ventilating apparatus, came from the Foley Mfg. Co., Chicago.

PITTSBURG, PA.—Jacob Frich will build a greenhouse at 1708 Carson street.

SAGINAW, MICH.—Chas. Frueh & Sons have donated bedding work at St. Mary's Hospital and will plant a hedge in the fall. The improvement in the grounds is a good advertisement.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

THE San Jose scale and other pests have become a serious menace in the vicinity of Columbus, O.

F. E. Mabee, formerly secretary of the Des Moines Nursery Co., Des Moines, Ia., has removed to Fresno, Cal., where he has become associated with Geo. C. Roeding.

PEONIES IN THE SOUTH.

Please tell your southern readers if it is practicable to grow peonies in the south. Please tell us something about planting, soil treatment and varieties. H. J. V.

We have found from past experience that peonies, to succeed well, should be planted in the south as early after the middle of October as practicable. Plants set out later than February seldom give as good results as those which are planted earlier.

The best soil is one that is deep and loamy. It is best to prepare the soil of the bed by trenching, and mix in a liberal supply of decomposed cow manure.

Some varieties give larger and more flowers when planted on the northwest side of a building, where they have partial shade, although many varieties give excellent results in open sun. The main thing is to keep the plants abundantly supplied with water during the blooming period.

After a killing frost the bed should be top dressed with decomposed stable manure and, in planting, set the crowns from three to four inches below the surface and remove all roots that might be injured. All that is required for after-cultivation is to keep the beds free from weeds and give them a fall dressing of manure.

The varieties that have given the best results with us are as follows: Queen Emma, Pulcherrima, Agida, Argus, Andre Lauries, Buckii, Duke of Wellington. Eclatante, Elegantissima, Festiva maxima, Marie Lemoine, Miranda, Psyche, Purpurea, Queen Victoria, Rubra triumphans, Victor Moorish and the varieties of the officinalis class for early blooming.

P. J. BERCKMANS.

ROOT-PRUNING DEVICE.

By a careful consideration of the best nursery practice to be followed out in the government nursery at Halsey, Neb., where there is a total seed bed area of two and one-half acres, with a capacity of two and one-half to three million seedlings annually, it is found that seedlings should be two years old before planting to their permanent sites in the sand-hills. Transplanting increases the cost of seedlings so materially that it is not considered practical to transplant the vast quantity of seedlings grown in the Halsey nursery, and hence it is considered advisable to root-prune all yearling stock and allow same to remain in the seed bed for another year, at the end of which time the seedlings will have produced a vigorous root system equal, or nearly equal, to transplanted stock.

Until this spring, root-pruning has not been satisfactory, owing to the fact that no suitable device has been hit upon to do rapid, and at the same time, satisfactory work. Spades have been used, but with such a tool the lateral roots only can be cut, while the essential root to be pruned is the long tap-root which is formed by most all the coniferous species.

In the San Gabriel nurseries, near Pasadena, Cal., a tool has been devised for pruning, which consists of a combined perpendicular and horizontal blade, to which a handle is attached, and this is pulled through the soil by one hand. This tool works very satisfactory in a small nursery like the one near Pasadena, but it is entirely inadequate in a nursery like the one at Halsey, where millions of seedlings are to be pruned annually.

The important feature of a tool devised to meet the need is the cutting blade. This is one inch wide and one-eighth of an inch thick, and made from a first-class piece of steel. It is U shaped and the perpendicular sides are

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

PEONIES A large collection of the very finest varieties, including in the officinalis class the gem of all, Tenuifolia, or fern leaved, vermilion in color and two weeks earlier than any other kind. Also in same class, officinalis, old crimson, red, pink and white. In Chinensis class a succession of all colors, from earliest to latest. All named. A choice collection of Japanese kinds, in 24 varieties, very curious and beautiful, but with unpronounceable names.
Write for prices. F. A. BALLER, Bloomington, Ill.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

GERANIUMS.....

Now ready. Good, stocky plants from 2-in. pots; no cuttings.

Comt de Harcourt	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Jean Viaud	2 00 "	Madonna	3.00 "	Mar. de Castellane	3.00 "
Mme. Barney	2 00 "	Miss Kendell	2.00 "	Mar. de Montmort	2 00 "
Bruanti	2 00 "	M. Jolly de Bammeville	4 00 "	Miss F. Perkins	2.00 "
Centaure	2 00 "	Mme. Charlotte	2.00 "	S. A. Nutt	2.00 "
Mme Canovas	2.00 "	Mme. Landry	2.00 "	Granville, single	2.00 "
Gloire de France	2.00 "			Mrs. E. G. Hill	2.00 "

We will send 1000 (50 each) of the above varieties for $18.00; or 500 (25 of each) for $10.00. Cash with order.

TELEGRAPH GERANIUM, $1.00 per doz.; $6.00 per 100.

Send for descriptive geranium list. Let us figure on your supply for next season.

HARDY CHRYSANTHEMUMS

Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.

A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. White Marsh is at Cowenton Station, Philadelphia division B. & O. R. R., 12 miles north of Baltimore. Come and see us. Write us and we will tell you about trains, etc.

Celery Plants

IN ANY QUANTITY

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market, and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

CABBAGE

$1.00 per 1000; $8.50 per 10,000.

R. VINCENT, JR. & SON

WHITE MARSH, MARYLAND

seven inches long, and the horizontal base is six inches long. This blade is riveted to substantial collars, which are made to fit on a Planet, Jr., garden hoe frame. This is a single wheel frame and attached to a double wheeled frame it would make a more substantial tool. The cutting blade is filed to a keen edge, and kept so during the pruning operation. By having such a thin blade, and keeping it sharp, there is practically no resistance offered in passing through the soil, and all roots are cut without the usual injury done with a heavier tool.

By the use of this tool two men can prune from 100,000 to 150,000 in eight hours. This is extremely satisfactory speed when it is compared with other processes.

Immediately after pruning the beds are carefully raked over in order to level up the soil in the beds, which is more or less disturbed at the surface. This operation does not require a great deal of time, and is considered highly beneficial to the young seedlings.

MAPLE TREE SCALE.

J. H. Frost, who is ridding the trees at Graceland of the cottony maple scale, says that the most effieient remedy is spraying with a ten per cent solution of kerosene emulsion applied, if in summer, just after the eggs have hatched. At this time the insect is in its weakest state of existence. It is better, however, to spray in the late fall when it is easier to reach all parts of the tree. A fifty per cent solution may then be used.

WE find the REVIEW a great help in buying.—FORBER & BIRD, Davenport, Ia.

ROSES

Bargain Prices while they last.

	2¼-inch Per 1000	3-inch Per 1000
BRIDES	$20.00	$30.00
BRIDESMAIDS	20.00	30.00
METEORS	20.00	30.00

The above stock is thoroughly first-class and well rooted and ready for planting.

Lake View Rose Gardens
JAMESTOWN, N. Y.
Mention The Review when you write.

Helen Goddard

The coming commercial pink carnation, rooted cuttings ready Jan. 1, 1906, $10.00 per 100; $75.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.
Mention The Review when you write.

SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.
Mention The Review when you write.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.
Mention The Review when you write.

Robt. C. Pye,

Carnation Grower

NYACK, N. Y.
Mention The Review when you write.

ORCHIDS

Arrived in superb condition
Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.
Write for Prices.
Lager & Hurrell, Growers and Importers... **Summit, N. J.**
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

My Maryland Pure White. **Jessica** Red and White Variegated.

Two great carnations for 1906. $2.50 per doz.; $12 per 100; $100 per 1000.

Are you shrewd in business? Yes? Then write us immediately concerning these two great carnations, **or** see us at the Washington Convention.....

THE E. G. HILL CO.
RICHMOND, IND.

THE H. WEBER & SONS CO.
OAKLAND, MD.

Mention The Review when you write.

BALTIMORE.

The Market.

The demand kept up well for all kinds of good flowers, up to July 22. Some days much more stock could have been sold, but since then there has been practically nothing doing. The last week in July was the dullest of the season.

It was thought that there would be a scarcity of good roses, owing to the heavy rains, but judging from the number shipped to the wholesalers there is not much danger of any shortage, many being carried over from day to day. White Cochet roses are scarce, considering the number of plants to cut from. There are still some white carnations of fair quality being shipped to this market. Outdoor stock is beginning to arrive, but very short in stem. Both kinds of asparagus can be had in quantity.

Various Notes.

G. V. Smith has sold his corner property, Baltimore and Loyd streets, where he has been located for a number of years, but will carry on the business next door.

Small, neat signs appear in all leading florists' store windows, "We close during July and August at 5 p. m., Saturdays at 1 p. m."

J. P. G. Schunke, of East North avenue, near the Baltimore cemetery, is offering his greenhouses for sale, being in ill health for years.

Mrs. Charles Held and daughter Lena are at Atlantic City for two weeks. Miss Mathilda Held has just returned from there after a ten days' trip.

Miss Anna Fielder, of A. G. Fielder & Co., has returned from a two weeks' vacation at Ocean City, Md.

Much of the time at the last club meeting was spent in making final preparations for the entertainment of the visiting members of the S. A. F. after the Washington convention, when the club hopes to have a large number of visitors. The committee promises to take care of all and an enjoyable time is assured. A. F.

Belmont, N. Y.—C. L. Walker is building three connected houses for general purposes.

Red Wing, Minn.—George Humphrey now has Miss Hilma Hage in his store, where business is increasing nicely.

Mums and Roses CHEAP To Make Room

The following list of Mums at $1.50 per 100 or $12.50 per 1000 in assortment. Terms Cash with order. Money Order or Bank Draft.

LIST OF MUMS, 2-inch.

Harry A. Parr	Mme. Payne	Puritan	Marion Henderson
Mrs. Jerome Jones	Yanariva	Lady Fitzwygram	Estelle
Pink Elkshorn	Ville de Bordeaux	Belle of Castlewood	Adele
Lavender Queen	Willowbrook	Mrs. E. Buettner	Pink Ivory
Violet Rose	R. E. Richardson	Monrovia	Mrs. S. T. Murdock
Monarch of Ostrich Plumes	Glory of the Pacific	Kentucky	Good Gracious
	R. D. Carte	White Queen	Mrs. Governor Fifer
Mrs. J. G. Whilldin	Dr. W. A. Wakely	Capt. Gridley	Vicar of Leatherhead
Evangeline	Lady Harriott	Calvats of 99	Mary Hill
Mrs. H. McK. Twombly	R. H. Pearson	Eda Prass	Shawmut
Achilles	Katherine Loheman	Kate Brown	Mrs. J. J. Glessner

The following at $2.00 per 100.

Wm. Duckham	Malcolm Lamond	Le Springo	Mrs. F. J. Taggart
Timothy Eaton	Mrs. Perrin	Black Beauty	Baden Powell
Shilowa			

ROSES, 2-inch. **The following list at $15.00 per 1000. No less than 500 at this price.**

Cornelia Cook	Mary Washington	Catherine Mermet	Marie Van Houtte
Mme. Margottin	Baltimore Belle	Clothilde Soupert	Marie Guillot
Snowflake	Yellow Rambler	White Niel	Pink Maman Cochet
White Rambler	Pink Rambler	Mlle. F. Kruger	White Maman Cochet

The following at $2.00 per 100; $17.50 per 1000.

Kaiserin Augusta Victoria	Pink La France	Bride	Bridesmaid
	Crimson Rambler		

Will exchange a part for Boston or Piersoni Ferns. State what you have to offer.

THE REESER FLORAL CO., - Urbana, Ohio.

FIELD-GROWN

Carnations

First-class, clean, healthy plants.

	Per 100	Per 1000
MRS. LAWSON	$6.00	$50.00
MRS. NELSON	5.00	45.00
GUARDIAN ANGEL	5.00	40.00
FLORA HILL	5.00	40.00
WHITE CLOUD	5.00	40.00
QUEEN LOUISE	5.00	40.00

Rose Plants

One year old, bench plants cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3.50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

Roses!

	Per 100	1000
Am. Beauty, 3½-inch	$ 6 00	$ 50 00
Max von Herresdorfer, 3½-inch	5 00	40 00
Ideal, 3½-inch	5 00	40 00
Rosalind Orr English, 3½-inch	25 00	200 00
La Detroit, 3½-inch	6 00	50 00
Bridesmaid, 3-inch	4 00	35 00
Am. Beauty, 2½-inch	5 00	40 00
Uncle John, 2½-inch	3 00	25 00
Wm. Askew, 2½-inch	5 00	40 00
Sunrise, 2½-inch	4 00	35 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG

51 Wabash Ave.

Telephone 2846 Central. **Chicago**

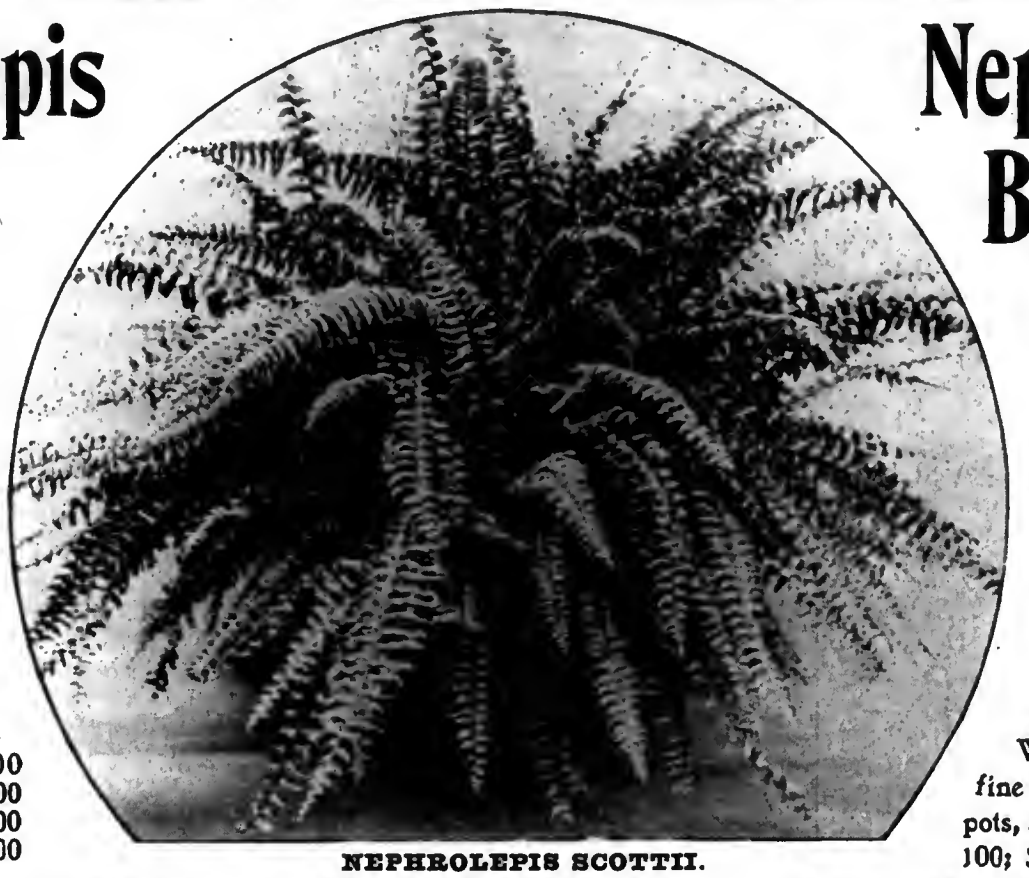
Nephrolepis Scottii

Note reducion in price for delivery on and after Sept. 1.

We have an immense stock of this most useful of all the Nephrolepis and are prepared to book orders for fine young plants in 2¼-inch pots for delivery Sept. 1, at 75c per doz.; $6.00 per 100; $50.00 per 1000.

Also for immediate delivery:

	Per doz.	Per 100
4-inch pots,	$3.50	$25.00
5-inch pots,	6.00	50.00
6-inch pots,	12.00	90.00



NEPHROLEPIS SCOTTII.

Nephrolepis Barrowsii

This is an improvement on Nephrolepis Piersoni and we have every reason to believe that this will hold the same position to the Pierson Fern that Scottii now holds to the old Boston. You will make no mistake in investing in it at once.

We offer originator's stock, fine young plants from 2¼-in. pots, $3.50 per doz.; $25.00 per 100; $200.00 per 1000.

See Our Wholesale Price List for Seeds, Plants and Bulbs for present planting.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

MUMS

Appleton, Bonnaffon, Etherington, Shaw, Kalb, Willowbrook, Monrovia, Kimberly, Prima, Nagoya, Plumridge, Shrimpton, Quito, Hero, Robinson, Eaton Whilldin, Parr, Morel, 2½-inch, $2 50 per 100; $22.00 per 1000.

ROOTED CUTTINGS of the following—Appleton, Chautauqua Gold, Robinson, Bonnaffon, Plumridge, Morel, Eaton, Chadwick, Intensity, Parr, Whilldin, Estelle, Halliday, Quito, Perrin, Pockett, Shaw, Reiman Christmas, Kalb, Ivory, $1.50 per 100; $12.50 per 1000.

NEW — Emily Mileham, Merstham Yellow, Mrs. W. Duckham, 2-inch, nice stock, $20.00 per 100; $3.00 per doz.

Enguehard Hopetonn, American Beauty, Ben Wells, Cobbold, Lelia Filkins, 2-in., $3.50 per 100.

Majestic, Adelia, Red Duckham, 2-inch, $10.00 per 100.

ROSES

Chatenay, Maid, Gate, Uncle John, 3½-inch, $5.00 per 100; 2½-inch $3.00 per 100.

Liberty, 3½-inch, $10.00 per 100.

STEVIA R. C.—$1.50 per 100; $12.00 per 1000. 2-inch, $2.50 per 100.

Orders filled in rotation and shipped as soon as possible on receipt.

Headquarters for finest Cut Roses, Carnations and other Cut Flowers.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Mention The Review when you write.

Carnations FIELD GROWN

2000	The Belle	$10.00 per 100;	$95 00 per 1000	
2000	Flamingo	8.00 "	75.00	"
1200	Mrs. Patten	8 00 "	75 00	"
1500	Nelson Fisher	8.00 "	75 00	"
1000	Boston Market	6 00 "	55.00	"
1000	Mrs. Nelson	6 00 "	55 00	"
1800	White Cloud	6.00 "	55 00	"
500	Prosperity	6.00 "	55.00	"

CHRYSANTHEMUMS

Ben Wells, Et. Bonnefond, Millicent Richardson, Wm. Duckham, Thirkell, C. H. Diedereich, F. S. Vallis, Fee du Champsaaur, 2 in., $3 per 100.

ROSE PLANTS.

100 4-inch Perles, $8.00; 750 3-in. Brides, 900 3-in. Maids, $4 00; 150 Gates, 150 Perles, 125 Ivory, 50 Meteor, 2½-in., $3.00 per 100. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

SMILAX

2½-inch pots, $1.50 per 100; $12.50 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

FIELD CARNATIONS

CHOICE PLANTS

Fine bushy plants, Norway Lawson, Prosperity, Armazindy, Joost, etc., at $5.00 per 100 $45.00 per 1000. Good stock grown on new soil.

ROSES! ROSES!

Brides, Maids, Meteors, 3-inch stock at $3.00 per 100; $25.00 per 1000.

Gates and Perles, 3-inch, fine plants, $4.00 per 100; $35.00 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROSE PLANTS

400 Grafted Mme. Hoste, 3-in	$8 00 per 100
300 Mme. Cusin, 3-in	8.00 per 100
300 Bridesmaid, own roots, 3-in	5.00 per 100

JOHN BREITMEYER'S SONS, Detroit, Mich.

Mention The Review when you write.

Violets

Marie Louise and Lady Campbell, from 2-inch pots, $2.50 per 100; $20.00 per 1000. Field-grown Violet plants, Princess of Wales and Dorsett, singles, $6.00 per 100; $50.00 per 1000.

CARNATION PLANTS

FIELD-GROWN

Lawson	$5.00 per 100;	$45.00 per 1000
Enchantress	7.00 per 100;	60.00 per 1000
Glacier	5.00 per 100;	45 00 per 1000
Peru	4.00 per 100;	35.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

Queen Beatrice

Mention The Review when you write.

OMAHA.

Trade is at its lowest at present and but for occasional funeral work nothing would be doing.

The past season has been very successful and, coupled with a good growing season this summer, the prospects are very bright. Carnation planting is going on and the plants lifted are fine, the weather being right for planting.

The annual picnic of the Florists' Club was held at Courtland Beach July 27 and was pronounced a decided success. The attendance was larger than ever.

Interest with the men centered on the bowling contest. Teams chosen by Messrs. Arnold and Bath engaged each other and no more spirited contest was ever held. Three individual prizes were offered and won by Arnold, Floth and J. F. Wilcox. The score:

Player.	1st	2d
Bath	157	115
J. F. Wilcox	127	179
Stauch	119	151
W. Faulkner	136	140
Henderson	124	142
Floth	138	200
Ellsworth	117	117
Total	918	1,044

Player.	1st	2d
Arnold	175	174
R. Wilcox	128	143
Hadkinson	143	131
Hess	137	145
S. R. Faulkner	121	152
Raber	123	115
Preston	84	94
Total	901	954

J. H. B.

DAYTON, OHIO.

At the recent annual election of officers of the Miami Floral Co., the following board was chosen: President, C. E. Pease; vice-president and manager, William Kiefaber; secretary, E. A. Deem; treasurer, William Kiefaber, Jr.; directors with the above, John T. Barlow and Charles Whealan.

In a little over three years the Miami Floral Co. has increased the plant from 10,000 to 100,000 square feet of glass and plans are now under way to double that capacity the coming year. Florists from all over the United States and Canada have visited the place and have pronounced it to be equal to anything they had ever inspected. The specialties are roses and carnations for the shipping trade. Their plant is located at foot of Broadway and River streets and covers thirty-two and one-half acres of ground and is under the management of George W. Bartholomew, formerly connected with the largest greenhouses in Chicago.

BRIDES AND MAIDS

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906. Early. Commercial.

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

DREER'S ARAUCARIAS



ARAUCARIA EXCELSA.

We have a fine stock of these which we offer at very favorable prices. Now is the time to lay in your supply and secure the benefit of the summer's growth.

ARAUCARIA EXCELSA

Inch pots	Height	Tiers	Each
4	5 to 6 inches	2	$0.35
5	8 to 10 inches	3	.60
6	12 to 14 inches	3 to 4	.75
6	14 to 16 inches	4	1.00
6	16 to 18 inches	4	1.25
7	20 to 24 inches	4 to 5	1.50

Araucaria Excelsa Glauca

Inch pots	Height	Tiers	Each
5	8 inches	2	$0.75
6	13 to 15 inches	3	1.25
7	15 to 18 inches	4	1.75
7	22 to 24 inches	4 to 5	2.00

Araucaria Robusta Compacta

Inch pots	Height	Tiers	Each
6	10 inches	2 to 3	$1.25
6	12 inches	3	1.50
7	16 inches	3 to 4	2.00

For complete list of Seeds, Plants and Bulbs for immediate planting, see our Wholesale Price List.

HENRY A. DREER
714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

CYCLAMEN Per 100

2-in. Cyclamen, in 5 separate colors..... $4.00

Asparagus Sprengeri seedlings, 60c per 100; $5 00 per 1000.

Pansy Seed for florists, extra fine imported strains, ½ oz., $2.50; 1 oz., $5.00.

Boston Ferns, for immediate delivery, 5-in., fine stock, $3.00 per doz.; $25.00 per 100; $240.00 per 1000. Write for prices on other sizes.

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

Mention The Review when you write.

PRIMULAS.....

Primula Buttercup, 2-inch..... $3 00 per 100
Primula Obconica Grandiflora, 3-inch 6.00 "

FIELD-GROWN CARNATIONS, FINE PLANTS.

Enchantress, $6 00 per 100. Peru.....$4 00 per 100
A few hundred each of Crane, Lawson, Prosperity, $5.00 per 100.

A. JABLONSKY, Wellston, St. Louis, Mo.

Mention The Review when you write.

PALMS, FERNS and all Decorative Stock.

R. DREYER, Woodside, L. I., N. Y.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

CINERARIAS

Fine plants, 2½-inch pots, $3.50; 3-inch, $5.00 per 100.

Chinese Primroses

2½-inch, $4.00; 3-inch, $7.50 per 100.

CYCLAMEN

2½-inch, $6.00; 3-inch, $10.00 per 100.

FERNS WE QUOTE FINE NO. 1 STOCK.

We want to call your attention to our prices on Ferns. Finest stock. We would like a trial order and will guarantee to please you.

BOSTON	Per 100
2½-inch	$5.00
3-inch	10.00
4-inch	15.00
5-inch	$25.00 to 35.00
6-inch	40.00 to 50.00
7-inch	60.00 to 75.00
8-inch	$1.00 to $1.50 each
10-inch	2.00 to 3.00 each

PIERSONI	Per 100
2½ inch	$7.50
3-inch	12.50
4-inch	25.00
5-inch	50.00
6-inch	75.00
Specimen plants	$2.50 to $5.00 each

SCOTTII	Per 100
2-inch	$10.00
2½ inch	12 50
3-inch	25.00
4-inch	50.00

FINE ASPARAGUS PLUMOSUS	Per 100
2-inch	$3.50 to $5.00
3-inch	6.00 to 8.00
4-inch	12 50 to 15.00
5 inch	25 00 to 35 00
6-inch	40 00 to 50.00

SPRENGERI	Per 100
2-inch	$2.50 to $3.50
3-inch	4.00 to 5.00
4-inch	10 00 to 12.50
5-inch	25 00 to 30.00
6-inch	35.00 to 50.00

We have the new **Nephrolepis Barrowsii** Fern to offer at $25.00 per 100 for 2-in.; 3-in., $50.00

ROSES

We grow over 100 000 Roses annually for the trade. Try them. If you want stock at any time, send $1.00 for sample lot then you see exactly what you buy. Satisfaction guaranteed or money refunded.

Geo. A. Kuhl, Pekin, Ill.

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3 per doz.; $25 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	6	24-26	6-7	$1.25	15.00	
" "	7	32-34	6-7	2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	4	18-20	3-5	.30	3.60	
" "	5	24-26	4-6	.60	7.20	
" "	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18.00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
"	5			.25	3.00	
Dracaena Fragrans	4				3.00	
"	5				5.00	
"	7				9 00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
"	3				1.00	8.00
"	4				1.50	12.00
" Sprengeri	4				1.25	10.00
"	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "				5.00
Boston Ferns 2 runners						4.00
Japanese Fern Balls, in leaf					4.00	

NEPHROLEPIS BARROWSII strong, stocky plants, $25 00 per 100

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10, $4.00 per 1000.

CHARLES S. DUTTON,

85 W. 12th St. Holland, Mich.

Mention The Review when you write.

VIOLETS

3-inch stock of Imperial and M. Louise, in prime condition to send out by Aug. 10 to 15, $40.00 per 1000.

PLUMOSUS NANUS, 3-inch extra large, $6 00 per 100

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Smilax Plants

Strong plants, 2¼-inch pots, $18.00 per 1000.

ROSE PLANTS OWN ROOTS

125 Golden Gates, 225 Brides, 250 Maids, fine large plants from 4-in. pots, $4 00 per 100. Cash.

Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, August delivery, from 2½ in. pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

SPRENGERI

2-in., $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus, 2-inch, $2.00 per 100
" " " 3-inch, 3.00 "
" " " 3½-inch, 4.00 "
" " " 4-inch, 5.00 "

Express prepaid at above prices. Cash, please. 10 per cent off on lots of 250 and over.

DANVILLE PLANT AND FLOWER CO., Successor.

Wm. Linfoot, 317 N. Vermilion St, Danville, Ill.

Mention The Review when you write.

FERNS

FOR FERN DISHES

from 2¼-inch pots, very fine assortment, $3.00 per 100. Ferns ready for potting, $1 00 and $1.50 per 100.

DRACAENA TERMINALIS

2¼-inch pots, $10 00 per 100.

ASPARAGUS PLUMOSUS

very fine plants 4½-inch pots, $20.00 per 100.

GARDENIA VEITCHII, from 3½-inch pots, selected plants, $20.00 per 100 Smaller plants, $15 00 per 100. Cash with order, please.

Anton Schultheis, College Point, L. I., N. Y.

Mention The Review when you write.

VIOLETS.

Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market none better. Only $2 00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.

GEO. T. SCHUNEMAN, Baldwins. L. I., N. Y.

Mention The Review when you write.

5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times. Send for sample. $15 00 per 1000, $2.00 per 100. 500 at 1000 rate.

THOMAS H. PATERSON,

278 Old York Road, BALTIMORE, MD.

Mention The Review when you write.

SURPLUS STOCK

Order Quick
Satisfaction Guaranteed

20,000 SMILAX

Extra strong plants from 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

6000 GERANIUM BRUANT

The very best scarlet bedder. Fine plants from 2½-inch pots, $1.50 per 100; $14.00 per 1000.

ASP. PLUMOSUS NANUS

Strong 2-inch plants, $2.00 per 100; $18.00 per 1000.

ASPARAGUS SPRENGERI

Extra strong seedlings, as good as average 2-inch, 60c per 100; $5.00 per 1000. CASH.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

BEGONIA VERNON

2¼-inch pots, $2.50 per 100.

	Per 100
COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3 00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, dormant clumps, 6-7 in., from bench, 12c; from pots, 20c. Adiantum Williamsii, 6-in. pots, just starting, 50c.
Sunnyside Greenhouses, Walden, N. Y.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Adiantum cuneatum, 4-in., very strong, 12c.
G. Aschmann, 1012 Ontario St., Phila.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, double; nice, young, 2¼-in. stuff, $2.00 per 100. J. W. Myer, Rosedale, Ind.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, from 4-in., 12c.
W. H. Salter, Rochester, N. Y.

ANTIRRHINUMS.

Antirrhinuma, assorted colors, 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

AQUILEGIAS.

Aquilegia, assorted varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs., 50c; 5½-in. pots, 12 to 14 in. high, 60c; 6-in. pots, 14 to 16 in. high, 75c; 6¼-in. pots, 16 to 20 in. high, $1.00 each. A. compacta robusta, very large, $1.25, $1.50, $1.75 each. A. excelsa glauca, $1.00, $1.25, $1.50 each. G. Aschmann, 1012 Ontario St., Phila.

DREER'S ARAUCARIAS. We have a stock of these which we offer at very favorable prices (see display adv.). Now is the time to lay in your supply and secure the benefit of the summer's growth.
Henry A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for 2½-in. pots, $12.00 1000; Sprengeri, $10.00 1000; prepaid if cash with order. Large field-grown plumosus nanus, fine for benching, $40.00 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten per cent off on lots of 250 and over. Cash, please.
Danville Plant and Flower Co., N. Vermilion St., Danville, Ill.

Asparagus plumosus nanus, 2¼-in., $2.50 per 100; 3-in., $5.00 per 100; 4-in., $6.00 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, from flats, $15.00 1000. Asparagus Sprengeri, 2½-in., $2.00 100, $15.00 1000. Cash. Max E. H. Keffel, 699 So. Boyle Ave., Los Angeles, Cal.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000. Sprengeri, extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus nanus, 3-in., extra large, $6.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

30,000 Asparagus plumosus and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus Sprengeri, from bench, two years old, 20c. Asparagus plumosus nanus, 6-inch pots, 20c each.
Sunnyside Greenhouses, Walden, N. Y.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, 2¼-in., at $2.50 per 100; 3-in. at $5.00 per 100; strong but not stunted. Cash. Jos. E. Bonsall, Salem, Ohio.

Asparagus Sprengeri, 1 year old from bench, 10 to 15 fronds to plant; to make room, $5.00 per 100. Krueger Bros., Toledo, Ohio.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. Cash.
Baur Floral Co., Erie, Pa.

Asparagus Sprengeri, 2-in., $2.50 100; plumosus, 2-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong, 3-in., $25.00 1000. Freight prepaid.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

1000 Asparagus Sprengeri, strong, 4-in. pots, $10.00 per 100. Sample free.
John Christman, Stanford, Ky.

Asparagus plumosus nanus and Sprengeri, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, one year old, from bench, 5c. Cash.
Joseph Wood, Spring Valley, N. Y.

Asparagus plumosus, fine plants, 4½-in. pots, $20.00 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, fine, strong plants, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Asparagus plumosus nanus, from flats, $6.00 per 1000. J. F. Allen, Orlando, Fla.

Asparagus Sprengeri and plumosus, in 2 to 6-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri seedlings, 60c 100; $5.00 1000. D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in., fine plants, $2.00 per 100. A. L. Harmon, Iola, Kan.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

BAY TREES.

We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Choice surplus stock, well-grown, mostly in bud and bloom. Geraniums, in variety, 3-in. pots, 5c; verbenas, centaureas, coleus, double petunias, etc., 2½-in. pots, 2c; pansies, 1c.
F. A. Baller, Bloomington, Ill.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

BEGONIAS.

Begonia Gloire de Lorraine, strong young plants from leaf cuttings now ready for 4-inch pots, $15.00 per 100. Plants from 3-inch pots, strong stock, twice cut back, $25.00 per 100. From 4-inch pots, heavy plants, $40.00 per 100. All sizes ready for immediate delivery.
J. A. Peterson, McHenry avenue, Westwood, Cincinnati, O.

Rex begonias, good varieties in assortment, 2-in., $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $6.00; 3-in., $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Jerusalem cherries, pot-grown, 4-in., ready for a shift, very bushy, $6.00 per 100; $50.00 per 1000. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

Celestial peppers, strong, 2½-in., $3.00 100; $25.00 1000.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Christmas peppers, 2½-in., $2.00 per 100.
Morton's Evergreen Lodge, Clarksville, Tenn.

Christmas peppers, 2-in., $1.75 per 100.
A. L. Harmon, Iola, Kan.

Christmas peppers, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Celestial peppers, 50 at 3c each.
C. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

BULBS.

LILIUM HARRISII.
ONE BRAND ONLY. THAT THE BEST.

	12	100	1000
5 to 7-inch	$ .50	$ 3.75	$33.00
6 to 7-inch	.65	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
9 to 11-inch	2.00	15.00	

Calla, French and Dutch bulbs—August, September. Send for list and estimates.
H. H. Berger & Co., 47 Barclay St., New York.

Michell's SPECIAL BRAND of Harrisii has the reputation of being the finest in Bermuda and is grown under our personal supervision. Its is superior to the usual stock. For quotations on this brand, also on freesias, white callas, etc., see display adv. Our new bulb list is just out. We shall be pleased to mail you a copy.
H. F. Michell Co., 1018 Market St., Phila.

Calla bulbs, 250 in case, 3 in. diameter, $17.50 case; 2½ in. diameter, $15.00 case; 2 in. diameter, $11.00 case; 1½ in. diameter, $8.00 case. Elliott's Little Gem calla, dormant bulbs, $1.20 100; $10.00 1000. Freight prepaid at above prices. Cash.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

Lilium Harrisii. Selected, high-grade bulbs ready for shipment; 5 to 7 in., $4.00 100, $36.00 1000; 6 to 7 in., $4.75 100, $42.50 1000; 7 to 9 in., $8.50 100, $75.00 1000; 9 to 12 in., $18.00 100, $160.00 1000. Write for prices on other bulbs, plants, etc.
Currie Bros. Co., Milwaukee, Wis.

Freesia refracta alba, French-grown, the pure white kind, ready now. Giant bulbs, picking from the crop, $2.00 100, $15.00 1000.
First shipment of Romans and paper whites due next week.
Clucas & Boddington Co., 131 West 23rd St., New York.

Lilium Harrisii. We have a fine consignment and are offering them in case lots, 5 to 7, 400 to case, $3.00 100, or $12.00 case; 7 to 9, 200 to case, $6.00 100, or $12.00 case.
Wm. Elliott & Sons, Auction Dept., 201 Fulton St., New York.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.
R. Fischer, Great Neck, L. I., N. Y.

Freesias, ready now. Fine stock in any quantity up to ½-in. Grand Duchess oxalis—pink, white and lavender; Amaryllis Johnsonii and Belladonna, and Chilidanthus fragrans.
Rees & Compere, Long Beach, Cal.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Calla bulbs, 1 to 1½-in., $4.00 100, $30.00 1000; 1½ to 2-in., $5.00 100, $40.00 1000; 2 to 2½-in., $6.00 100, $50.00 1000. Ready now.
California Nursery Co., Niles, Cal.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Narcissus. Surplus stock, strong, blooming bulbs, fine for Decoration day, in 4 hardy sorts, double and single, 60c 100; $5.00 1000.
F. A. Baller, Bloomington, Ill.

HARRISII. First shipment just received. Handsome bulbs; inspected stock. Freesias, callas, Romans, etc., ready soon.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Our narcissus bulbs cannot be beat, write us regarding your wants.
N. Le Page, Mt. Vernon, N. Y.

Send us your list of fall bulbs; we will quote you special prices.
Holmes Seed Co., Harrisburg, Pa.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

CACTI.

Cacti, 10 varieties, $7.00 per 100. Prepaid.
J. A. McDowell, Mexico City, Mex.

CARNATIONS.

Strong, clean, healthy field-grown carnation plants now ready.	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.
25,000 LAWSON.

	Per 100		Per 100
Lawson	$5.00	Wolcott	$4.00
Bradt	5.00	Joost	3.00
Naylor	5.00	Scott	3.00
Louise	5.00	Maceo	4.00
Prosperity	4.00		

EDWARD J. TAYLOR, Southport, Conn.

Field-grown carnations.

	100	1000		100	1000
Queen	$6.00	$55	Hill	$4.50	$40
Enchantress.	7.00	60	Lawson	6.00	50
Harlowarden.	5.00	45	Q. Louise	4.50	40
Morn. Glory.	4.50	40			

The Parker Greenhouses, Norwalk, O.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
S. J. Goddard, Framingham, Mass.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.
John H. Sievers & Co., 1251 Cheatnut St., San Francisco, Cal.

Field-grown carnations.

	100	1000		100	1000
The Belle.	$10.00	$95	Flamingo	$8.00	$75
Mrs. Patten.	8.00	75	N. Fisher	8.00	75
White Cloud.	6.00	55	Boston Mkt.	6.00	55
Mrs. Nelson.	6.00	55	Prosperity	6.00	55

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Field-grown carnations, strong, healthy plants, Lawson, Enchantress, Prosperity, Queen Louise, $5.00 per 100; $45.00 per 1000. Lord, Joost, McGowan, Wm. Scott, $4.00 per 100; $35.00 per 1000. Cash with order, please.
Frank Volsenat, West Babylon, N. Y.

Field-grown carnations, clean, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	Nelson	$5.00	$45
G. Angel.	5.00	40	Hill	5.00	40
W. Cloud.	5.00	40	Q. Louise	5.00	40

George Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations now ready. Strong, clean plants. Enchantress, Lawson, The Queen, Queen Louise, Genevieve Lord, Harry Fenn, Mrs. Patten, $6.00 100; $50.00 1000, cash with order. Satisfaction guaranteed.
Hugh Chesney, Farmington, Conn.

Field-grown carnations. Per 100:

Mrs. Lawson	$5.00	Dorothy	$3.00
Queen Louise	5.00	Morning Glory	3.00
Marquis	3.00	Her Majesty	3.00

These plants are very fine. Cash with order.
W. E. Gravett, Lancaster, Ohio.

The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$5.00	$45	Glacier	$5.00	$45
Enchantress.	7.00	60	Peru	4.00	35

Eli Cross, Grand Rapids, Mich.

Carnations. Field-grown, healthy, clean stock, ready to plant. Enchantress and Nelson, $5.00 100. Prosperity and Q. Louise, $4.00 100; later will have Lawson, Eatelle, Bountiful.
Henry Baer, R. 3, Peoria, Ill.

Field-grown carnations, fine plants. Enchantress, $6.00 100; Peru, $4.00 100. A few hundred each of Crane, Lawson, Prosperity, $5.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Two great carnations, MY MARYLAND, pure white and JESSICA, red and white variegated, $2.50 doz.; $12.00 100; $100.00 1000.
H. Weber & Sons, Oakland, Md.

Field-grown plants of Lawson, Joost, Norway, Prosperity, Crane and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Well-shaped, field-grown plants of Queen Louise, Lawson, Joost, $5.00 100. Cash.
Murphysboro Greenhouses, Murphysboro, Ill.

Field-grown plants of Lawson, Peru and Guardian Angel carnations, $4.00 per 100.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

Carnations. Joost, from field, extra good plants, ready now, $5.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Carnations, field-grown. New and standard varieties. Write for prices.
A. C. Canfield, Springfield, Ill.

1000 Queen Louise carnations, large, healthy plants, $4.00 100. Cash.
Arthur Coombs, New Britain, Conn.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Surplus stock, 2-inch, $2.00 100.

Yellow	White
100 Oct. Sunshine	200 W. Bonnaffon
100 Y. Mayflower	200 Robinson
50 Bonnaffon	300 Estelle
Red	200 W. Mayflower
500 Black Hawk	200 Kalb
1000 Oakland	100 Wanamaker
1000 Paul Labbe	50 W. Ivory
Pink	First Come
400 Wm. Duckham	First Served

WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums, 2½ and 3-in. stock, extra large. 700 Robinson, $2.00 per 100; 300 Urania, best very late white, $2.50 per 100; 200 Enguehard, $3.00 per 100; or can have the lot for $25.00 cash. Will exchange for Nelson Fisher, Lawson, or any good pink carnation.
C. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Chrysanthemums. 40,000 rooted cuttings, $9.00 per 1000, in the following good kinds: Ivory, Bonnaffon, Maud Dean, Appleton, P. Rose and others; also plants from pots at $2.00 per 100; 300 for $5.00, our selection. We guarantee to please you or refund money.
Coolidge Bros., South Sudbury, Mass.

3500 Major Bonnaffon chrysanthemums, the best commercial yellow. Superb plants in 2½-in. pots and in perfect condition, $2.25 per 100; $20.00 per 1000.
J. T. Lovett, Little Silver, N. J.

Chrysanthemum rooted cuttings. All the novelties and all the standards. See display adv. or write us for list and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

See our display adv. for the list of chrysanthemums we are offering at $1.50 100, $12.50 1000, in assortment. Reeser Floral Co., Urbana, Ohio.

Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

Chrysanthemums, new and standard varieties. For varieties and prices, see display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, fine plants, 2½-in., $3.50; 3-in., $5.00 100. Geo. A. Kuhl, Pekin, Ill.

Cinerarias (August 15), 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

COBAEAS.

Cobaea scandens, 3-in., large, $3.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

COLEUS.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

CUPHEAS.

Cuphea (cigar plant), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. Twice transplanted, $3.00 100, $25.00 1000; 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.
C. Winterich, Defiance, O.

Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

Cyclamen, 2½-in., $6.00; 3-in., $10.00 100.
Geo. A. Kuhl, Pekin, Ill.

DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DAISIES.

Shasta daisy, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, from bench, 12 inches and up, $11.00 per 1000, prepaid. Cash.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 4-in., strong, $5.00 per 100; 5-in., extra strong, $10.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

Dracaena terminalis, 2¼-in. pots, $10.00 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Dracaena indivisa, 2-in., $2.50 100; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

FERNS.

FERNS OUR SPECIALTY.
We have over a half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Dodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.
Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.
CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
R. G. Hanford, Norwalk, Conn.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Small ferns for fern dishes, strong plants, 2¼-in., $3.00 100; $25.00 1000.
Garfield Park Flower Co., 1688 Madison St., Chicago.

FERNS—Continued.

Nephrolepis Barrowsii, strong stock plants, $25.00 100. Boston ferns, 2 runners, $4.00 100; ready for 5-in., $3.00 doz.; $25.00 100; from 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz. Wittbold Co, 1057 Buckingham Pl., Chicago.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Boston ferns, in from 4 to 10-in., ready now. Piersoni, extra fine, 6 and 10-in. Scottii, specimens, 10-in. There is money in this stock for you. Geo. A. Kuhl, Pekin, Ill.

Nephrolepis Scottii and Barrowsii. Our stock of both varieties is large and in fine condition. See display adv. for sizes and prices.
Henry A. Dreer, 714 Chestnut St., Phila.

Ferns for fern dishes, from 2½-in. pots, fine assortment, $3.00 100. Ferns ready for potting, $1.00 to $1.50 100. Cash.
Anton Schultheis, College Point, L. I., N. Y.

Piersoni ferns, 3-in., $9.00 per 100. Boston ferns, 3-in., $6.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Ferns, a good variety of the right kinds for filling fern dishes, 2¼-in., $3.00 100, $25.00 1000. Cash. H. Weston, Hempstead, N. Y.

Boston ferns 2½-in. to 10-in., Piersoni, Scottii and the new fern, N. Barrowsii. See display adv. Geo. A. Kuhl, Pekin, Ill.

Stock for ferneries, mixed ferns, 2¼-inch, $2.00 100. Cash or C. O. D.
Wm. A. Clark & Son, Watertown, N. Y.

Boston ferns, 5-in., fine stock, $3.00 doz., $25.00 100, $240.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Boston ferns, fine stock for 5-in. from bench, $12.50 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston fern, 8-in. pans, $10.00 doz.
National Plant Co., Dayton, Ohio.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

BUSINESS BRINGERS—
REVIEW Classified Advs.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

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Fuchsias, named varieties, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

GARDENIAS.

Gardenia Veitchii, 3½-in., selected plants, $20.00 100. Smaller plants, $15.00 100.
Anton Schultheis, College Point, L. I., N. Y.

Gardenia Veitchii, true variety, strong busy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

GERANIUMS.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100. Chas. Gay, Des Moines, Iowa.

Bruanti geraniums, the very best scarlet bedder, fine plants, 2½-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Geraniums, single and double, standard varieties, named, $2.50 100. Ivy, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

Geraniums, 500 mixed, standard varieties, strong plants from 4-in. pots, $3.50 per 100.
Mrs. Hubert Graham, Bowling Green, Ky.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

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English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, Ohio.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage lily of the valley, selected pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MOONVINES.

Moonvines, white, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

MUSHROOM SPAWN.

Virgin track mushroom spawn; fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1057 Buckingham Pl., Chicago.

Kentia Belmoreana, fine 3-in., 10 to 15 in. high, 5 to 6 leaves, $10.00 per 100. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

KENTIA BELMOREANA.

	High.	Each,	12	100
5-in., 6 to 7 leaves,	18 to 20 in....		$ 6	$50
5-in., 6 to 7 leaves,	20 to 22 in....		0	75
6-in., 6 leaves,	22 to 26 in....	$1.00	12	
6-in., 6 to 7 leaves,	26 to 28 in....	1.25	15	
6-in., 6 to 7 leaves,	30 to 32 in....	1.50	18	
7-in., 6 to 7 leaves,	34 to 36 in....	2.50	30	
8-in., 6 to 7 leaves,	36 to 40 in....	3.00		
9-in., 6 to 7 leaves,	42 to 48 in....	5.00		

KENTIA FORSTERIANA.

Made-up Plants.	Each.
7-in. pot, 4 plants in pot, 32 in. high....	$2.00
8-in. pot, 4 plants in pot, 36 in. high....	2.50
8-in. pot, 4 plants in pot, 42 in. high....	3.50
10-in. pot, 4 plants in pot, 48 to 54 in. high	5.00
10-in. pot, 4 plants in pot, 60 in. high....	6.50
12-in. tub, 4 plants in tub, 5 to 6 ft. high.	12.50
12-in. tub, 4 plants in tub, 6 to 7 ft. high.	15.00

The above plants are clean, vigorous, stocky, and are as good as can be grown.
Joseph Heacock, Wyncote, Pa.

Cocos Weddelliana, 3-in., 15c; Areca lutescens, made up, 5½-in., very fine, 40 to 50c each. Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

A fine lot of Latania Borbonica, 3-inch pots, one to two character leaves, $4.00 100; $35.00 1000; $300.00 10,000. J. B. Heiss, Dayton, O.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Plants from my extra select Giant strain, ready Sept. 1. Peter Brown, Lancaster Pa.

PEONIES.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies. A large collection of the very finest varieties. A succession of all colors, from the very earliest to the latest; all named. Write for prices. F. A. Baller, Bloomington, Ill.

Peonies, big clumps, 40 to 80 eyes, double mixed, white, pink and red in the most delicate shades, 35c to 75c each. Ready September 1.
Sunnyside Greenhouses, Walden, N. Y.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies. 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000. John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias for August delivery, 2½-inch, $5.00 100; $40.00 1000.
BENTZEN FLORAL CO., St. Louis, Mo.

PRIMULAS.

P. Chinensis, obconica grand. rosea and fimbriata, strong plants, 2½-in., $3.00 100; $25.00 1000. P. Forbesi, strong, 2½-in., $2.50 100.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Primula obconica grandiflora. Finest fringed, alba and rosea, Baby (Forbesi), 2-in., 2c. Forbesi seedlings prepaid, ¾c. Cash.
Byer Floral Co., Shippensburg, Pa.

Primulas, all varieties (August 10), 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

Chinese and obconica (ready Aug. 20), Forbesi, Baby, and floribunds, yellow. $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. Large-flowering, fringed; mixed; 2-in., $2.00 per 100. Cash. J. W. Miller, R. D. 6, Carlisle, Pa., former address Hatton.

Primulas. Chinese and obconica, good, strong plants, $2.50 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Primroses. Chinese obconica grandi., fimbriata alba, rosea, lilac, carmine, hybrid, Baby, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica grandi., 2-in., $2.00; 2½-in., $2.75; 3-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Primula obconica grandiflora seedlings, nice plants, 50c per 100, by mail.
A. Relyea & Son, Poughkeepsie, N. Y.

Primula Buttercup, 2-in., $3.00 100. Obednica grandiflora; 3-in., $6.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Primroses, Chinese and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese primroses, 2½-in., $4.00; 3-in., $7.50 100. Geo. A. Kuhl, Pekin, Ill.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

ROSES.

American Beauty	3½-in.,	$6 100,	$50 1000
Max Von Herresdorfer	3½-in.,	5 100,	40 1000
Ideal	3½-in.,	5 100,	40 1000
La Detroit	3½-in.,	6 100,	50 1000
Rosalind Orr English	3½-in.,	25 100,	200 1000
Bridesmaid	3 -in.,	4 100,	35 1000
American Beauty	2½-in.,	5 100,	40 1000
Uncle John	2½-in.,	3 100,	25 1000
Wm. Askew	2½-in.,	5 100,	40 1000
Sunrise	2½-in.,	4 100,	35 1000

American Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Bride, Bridesmaid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Perle, Maid, Kaiserin, 3-in. pots, $7.00 100. J. L. Dillon, Bloomsburg, Pa.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Roses. 2000 No. 1 Bridesmaid and about 1600 No. 1 Ivory, 3½-in., in good shape for benching, $5.00 100; $45.00 1000. Also a lot of Bridesmaid and Meteor, 2¼-in., $3.00 100; $25.00 1000.
Ira G. Marvin, 3 No. Franklin St., Wilkes Barre, Pa.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Rose plants. Perle, 4-in., $8.00; Bride and Maid, 3-in., $4.00; Gate, Perle, Ivory, Meteor, 2½-in., $3.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

BARGAIN PRICES on roses. Brides, Bridesmaids, Meteors, 2¼-in., $20.00 per 1000; 3-in., $30.00 per 1000. Thoroughly first-class stock, well-rooted, and ready for planting.
Lake View Rose Gardens, Jamestown, N. Y.

Roses. La France, 3-in., $5.00; Ivory, 3-in., $4.00; Golden Gate, 2-in., $2.50 100. Sample free.
R. L. Graham, 288 Old York Road, Baltimore, Md.

Ideal, the improved La France, fine for pot culture or summer cutting, 3-in., $7.00 100. Also a few Beauties in 3-in. pots, $8.00 100.
John Welsh Young, Germantown, Pa.

Roses. Chatenay, Maid, Gate, Uncle John, 2½-in., $3.00 100; 3½-in., $5.00 100. Liberty, 3½-in., $10.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants. Grafted—Mme. Hoste and Mme. Cusin, 3-in., $8.00 100. Own root—Bridesmaid, 3-in., $5.00 100.
J. Breitmeyer's Sons, Detroit, Mich.

Rose plants, own roots. Golden Gate, Bride, Maid, large, 4-in., $4.00 100. Cash.
Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Golden Gate, Ivory, Mme. Hoste, Bride and Bridesmaid roses, from 3½ and 4-in., fine plants, $5.00 per 100. Smith & Gannett, Geneva, N. Y.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

Surplus rose stock, all in first-class condition, Bride, Maid, Ivory, Gate, Meteor, $3.00 100; $25.00 1000. J. B. Heiss, Dayton, O.

Brides and Maids, 3-in. pots, $3.50 100. D. Wood Brant, W. Peterson & 48th Ave., Chicago.

See display adv. for list of roses, in 2-in., that we are offering for $15.00 per 1000.
Reeser Floral Co., Urbana, O.

Grafted Brides and Maids, fine plants from 3½-in. and 4-in. pots, $15.00 per 100.
A. C. Canfield, Springfield, Ill.

Roses. Novelties—forcing and bedding varieties—field-grown, strong and healthy.
Peter Lambert, Trier, Germany.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Golden Gate roses, fine, healthy plants, 3-in. pots, $3.00 100; $25.00 1000. Cash.
Paterson Rose Co., Paterson, N. J.

Ivory roses, strong plants out of 4-in. pots, clean and healthy, $7.00 per 100.
John F. Auer, Sykesville, Md.

Roses. Fine, clean, healthy, 4-in. Golden Gates, $5.00 100; $40.00 1000.
John Fallon, Staunton, Va.

1500 Beauties, 2½-in., $30.00 per 1000. 4000 Kaiserin, 2-in., $15.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

Bride and Bridesmaid roses, $2.50 100; American Beauty, 2-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

La Detroit, Chatenay and Sunrise, 3-in., $5.00 100. C. R. Hills, Grand Rapids, Mich.

BUSINESS BRINGERS—
REVIEW Classified Advs.

RUBBERS.

25 ficus elastica, 6-in., 2 to 2½ feet high from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Rubbers out of 3s, strong top cuttings for August delivery, $16.00 per 100, $150.00 per 1000. A. C. Oelschig & Son, Savannah, Ga.

Ficus elastica, imported, 4-in., 25c; 5 to 5½-in., 35c, 40c each.
G. Aschmann, 1012 Ontario St., Phila.

Strong rubbers, 5½-in. pots, 20 inches high, $4.00 per doz.
H. Schmidt, 408 Fulton St., Union Hill, N. J.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

New crop seed of my well known CHRISTMAS sweet peas will be ready the first week in August. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation. A. C. Zvolanek, Bound Brook, N. J.

SWEET PEAS for Xmas flowering Christmas, true, the earliest pink for flowering under glass, 15c oz.; 60c lb. White Christmas, true, the earliest white in cultivation, a companion to pink Christmas, 20c oz.; 75c lb.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00; 1000 seeds, 60c.
A. T. Boddington, 342 West 14th St., New York.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.
Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Cineraria, finest large flowering, dwarf, mixed 1000 seeds, 50c.
Giant panay, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Johnson & Stokes' KINGLY COLLECTION of GIANT PANSIES embraces the prize winning strains of the world's best specialists. It is absolutely unrivaled. For prices of this strain and complete list of other varieties with prices see display adv. in this issue.
Johnson & Stokes, 217-219 Market St., Phila.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Pansies. Mette's Triumph of the Giants, the most perfect in the world, $5.00 oz., $1.50 ¼ oz., 75c 1-16 oz. Postage paid. Cash. Also grower and exporter of choice vegetable and flower seeds. Send for list and prices.
Henry Mette, Quedlinburg, Germany.

Grand Rapids lettuce seed, GILT EDGE STRAIN. We supply many of the largest commercial growers. Prices, lb., 50c; 5 lbs. or more at 40c per lb. Transportation prepaid at 10c lb. extra. Cash with order.
E. C. Green & Son, Medina, O.

Cineraria grandiflora, medium tall and dwarf, prize varieties, mixed, 50c trade pkt. Pansy seed, superb mixed, ⅛ oz., 60c; ¼ oz., $1.15; oz., $4.50. Choice, large flowering, mixed, oz., $1.25. W. C. Beckert, Allegheny, Pa.

We make a specialty of choice seeds for florists and our strains are the best in the market. See our display adv., also write us for our catalogues which are mailed free.
Weigelt & Co., Erfurt, Germany.

XXX pansy seed, finest German mixed. Per oz., $3.00; ¼ oz., 80c. Woodbury's Special Mixture, oz., $4.00; ¼ oz., $1.00. Other varieties, trade packets, 50c each. List free.
David B. Woodbury, South Paris, Maine.

Pansy seed. Barnard's Florists' Mixture, trade pkt., 25c; ⅛ oz., $1.00; ½ oz., $3.50; oz., $7.00 Giant mixture, trade pkt., 20c; ⅛ oz., 50c; oz., $4.00.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Pansy seed, trade pkt., $1.00; oz., $5.00. Cash. Larger or smaller quantities to suit. My pansies were the admiration of all. Quality unsurpassed.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirngiebel, Needham, Mass.

10 lbs. sweet william seed, the very finest single, mixed; or double and single, mixed. Trade pkt., 15c; oz., 20c; lb., $1.00.
S. J. Galloway, Eaton, Ohio.

SEEDS—Continued.

Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Cyclamen seed. Fresh crop, ready now. White, with red eye; rose, lavender, and white, colors separate, $5.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Perret's celebrated strain of pansy seed, $4.00 oz., $2.50 ½ oz.; trade pkt., $1.00; ½ pkt., 50c.
N. Le Page, Mt. Vernon, N. Y.

Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
A. J. Santschi, Goshen, Ind.

Rawson's mid-summer catalogue of HARDY PERENNIAL SEEDS sent on application.
W. W. Rawson & Co., Boston, Mass.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Cash with order.
Cottage Nursery, San Diego, Cal.

Reliable seeds. Cineraria, cyclamen, pansy and stocks. See display adv. for prices.
O. V. Zangen, Hoboken, N. J.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Pansy seed, new crop, $1.00 per packet; $4.00 per oz.; $12.00 per ¼ lb. Cash.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy seed, extra fine imported strain, ½ oz., $2.50; 1 oz., $5.00.
D. U. Augspurger & Sons, Peoria, Ill.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, large flowering, ready now, $4.00 oz. Jos. H. Cunningham, Delaware, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

Smilax. We have a limited quantity of smilax in 2½-in. pots—it was grown for our own use—that we offer at $1.00 per 100. Swain Nelson Sons Co., 275 No. Paulina St., Chicago.

Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample. T. H. Paterson, 278 Old York Road, Baltimore, Md.

Smilax to close out. 2000 2½-in. pots, 2 plants in a pot, strong and healthy, $15.00 per 1000 pots. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax, strong plants, 2¼-in., $18.00 1000. Cash.
Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Smilax, extra strong plants, 2¼-in. pots, $1.25 100; $10.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Smilax, 700 strong, healthy plants, in 2½-in. pots, $1.50 per 100.
J. W. Munk & Sons, Mt. Gilead, O.

Smilax plants, fine, stocky, cool grown, 2-in. pots, $2.50 100.
United States Cut Flower Co., Elmira, N. Y.

Smilax, strong, 2¼-in., ready for 3-in., $2.00 per 100.
L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, strong, 2¼-in., $2.00 100.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Smilax, 2¼-in., strong and ready to plant, $2.00 per 100. A. J. Winget, Mansfield, O.

Smilax plants, strong, 2-in. stock, $1.00 per 100; $9.00 per 1000. R. Kilbourn, Clinton, N. Y.

Smilax, 2-inch pots, $1.50 100; $12.50 1000.
H. S. Courtney, Sparkill, N. Y.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzyaske, Sandusky, O.

Smilax, 2¼-in., ready to plant, $1.25 per 100.
Savanna Greenhouses, Savanna, Ill.

Smilax, 2½-in., $1.50 100; $12.50 1000.
J. L. Dillon, Bloomsburg, Pa.

STEVIAS.

Stevias, 300 at $3.00 per 100; 2½ and 3-in. stock, extra large. Will exchange for Nelson Fisher, Lawson or any good pink carnation.
C. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Stevia serrata, true winter-blooming, ready to ship, 2½-in., $2.50 100; $20.00 1000.
Dean Ferris, Peekskill, N. Y.

Stevias, fine, bushy plants, 2¼-in. pots, 40c per doz.; $1.75 per 100.
A. L. Harmon, Iola, Kan.

Stevia, 2-in., $2.50 100. Rooted cuttings, $1.50 100; $12.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

VEGETABLE PLANTS.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.
Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.
Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.
My plants are fine. Cash with order.
Samuel W. Shanklin, White Marsh, Md.

Strong transplanted celery plants, bushy and well hardened. Carefully packed in light crates, $2.00 per 1000; 10,000 for $17.50. White Plume, Giant Pascal, Winter Queen, Pink Plume and Boston Market. Write for price on larger lots.
R. Kilbourn, Clinton, N. Y.

5,000,000 celery plants. See my advertisement in this number. Ludvig Mosbaek, Onarga, Ill.

VERBENAS.

Verbenas, flowering, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

VINCAS.

Vinca var. major, 3-in., fine, strong plants, 6c.
A. J. Baldwin, Newark, Ohio.

VIOLETS.

Violet stock, clean thrifty plants. Single varieties—Princess of Wales, California, La France, Luxonne, Russian and Dorsett. Double varieties—Imperial, Marie Louise, Farquhar and Swanley White. Field clumps and plants, $1.75 per 100, $15.00 per 1000; 3½ and 4-in. pot plants, $2.00 per 100; $17.50 per 1000. Ready to plant at once for fall flowering. Packed lightly. Satisfaction guaranteed.
Clifton Hill Floral Co., Omaha, Neb.

Marie Louise violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better, only $2.00 100; $15.00 1000. Cash, money returned if not suited. Samples, 10c.
Geo. T. Schuneman, Baldwins, L. I., N. Y.

Field-grown violets, strong, healthy plants of Lady Campbell and California, No. 1, $2.50 per 100, $20.00 per 1000; No. 2, good plants, $1.50 per 100, $12.00 per 1000. Packed free of charge to carry safely.
Chas. Black, Hightstown, N. J.

Field-grown Marie Louise violets, $3.00 per 100; $25.00 per 1000. Strong plants from soil, $2.50 per 100; $20.00 per 1000. Field-grown Princess violets, $3.00 per 100. Samples, 10c. Cash with order.
John B. Rudy, Elmira, N. Y.

Violet plants. Marie Louise and Lady Campbell, 2-in., $2.50 100; $20.00 1000. Field-grown plants of Princess of Wales and Dorsett, singles, $6.00 100; $50.00 1000.
Eli Cross, Grand Rapids, Mich.

Sand-struck, pot-grown, strong, healthy violet plants, from 3-in. pots—Marie Louise, $2.00 100; $15.00 1000; Imperials, $3.50 100; $30.00 1000. Cash only.
Alexander Gordon, Spring Valley, N. Y.

Marie Louise violets, strong plants, February and March struck, healthy and free from disease, $2.00 per 100; $15.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants, first-class stock from soil, $2.00 per 100; $15.00 per 1000. Satisfaction guaranteed or money refunded. Cash. O. H. House, Babylon, L. I., N. Y.

Violets. Marie Louise and Lady Campbell, strong, clean, healthy, $20.00 1000; $35.00 buys 2000. Samples, 10c. Cash with order, please.
J. Hildreth, Babylon, N. Y.

Violets. Imperial and M. Louise, 3-in., in prime condition to send out by Aug. 10 or 15, $40.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Hudson river grown violets, Marie Louise, 2¼-inch pots, strong, healthy, $3.00 100; $25.00 1000. Schaefer's, Inc., Newburgh, N. Y.

Lady Campbell violets, large, healthy plants, $4.00 100, $35.00 1000.
Arthur Coombs, New Britain, Conn.

Princess of Wales violets, fine, 3-in. stock, $2.50 per 100. A. L. Harmon, Iola, Kan.

ZINNIAS.

Zinnias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

TO EXCHANGE.

To Exchange—Fine, healthy 4-in. Golden Gate roses, $5.00 100, $40.00 1000, for palms and ferns. John Fallon, Staunton, Va.

To Exchange — Roses. Bride, Bridesmaid, Golden Gate, 2½-in., for primulas, poinsettias, Cibotium Schiedei, Boston ferns.
Rhoten Bros. & Co., Box 5, Danville, Ill.

To Exchange—Christmas peppers, fine plants from 2½ and 3-in. pots for geraniums or anything we can use.
Morton's Evergreen Lodge, Clarksville, Tenn.

To Exchange—See my adv. under headings of chrysanthemums, stevias, and berried plants. I offer a bargain.
C. L. Baum, Knoxville, Tenn.

To Exchange—Chrysanthemums and roses for Boston or Piersoni ferns. See display adv.
The Reeser Floral Co., Urbana, O.

To Exchange—Fine giant pansy seed, mixed, $1.00 per oz., for field-grown carnations.
A. J. Santschi, Goshen, Ind.

WANTED.

Wanted—Dried lycopodium in large or small lots. Write, with lowest prices, to H. Bayersdorfer & Co., 50-56 N. 4th St., Phila.

Wanted—300 Merry Christmas chrysanthemum plants from pots; must be good. State price.
N. C. Moore & Co., Morton Grove, Ill.

Wanted—Aug. 15, 6500 carnations, strong, field-grown plants; state varieties and price.
D. T. McCarthy & Sons, Lockport, N. Y.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans.

CUT FLOWER BOXES.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
Livingston Seed Co., Box 104, Columbus, O.

The best cut flower box is the FULL TELESCOPE—that's ours.
C. C. Pollworth Co., Milwaukee, Wis.

There is no better folding box than ours. Get our prices.
Holton & Hunkel Co., Milwaukee, Wis.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green ,etc.
H. M. Robinson & Co., 11 Province St., Boston.

Ferns, new crop, extra fine and hardy; green galax, leucothoe sprays, etc.
J. N. Pritchard, Elk Park, N. C.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc., good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties.
N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy ferns, green sheet moss, sphagnum moss, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

BLATCHFORD'S PLANT GROWER and LAND RENOVATOR is the best fertilizer for florists. 100 lbs. of absolutely pure plant food, $2.75.
BLATCHFORD'S CALF MEAL CO. Waukegan, Ill.

Arnott's complete soluble plant food. Better than liquid manure. Used by florists all over the country. Sample package mailed free for 25c.
Arnott Chemical Co., 114 Victoria St., Toronto, Canada.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAK LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

Galax, green or bronze.
The Kervan Co., 20 W. 27th St., New York.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

The Peerless repair clamp, mends glass quickly and permanently, 150 for $1.00. Write
A. Klockner, Wauwatosa, Wis.

We are sole distributors of "White Rose" greenhouse glass.
Stenzel Glass Co., 2 Hudson St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

NIKOTEEN APHIS PUNK, the original and genuine fumigant, widely imitated but never equaled. Box of 12 sheets, 60c; case of 12 boxes, $6.50.
NIKOTEEN, a liquid insecticide for fumigating and spraying. Very effective and economical. Per pint bottle, $1.50; per case of 10 pint bottles, $13.00. Securely packed.
Prepared by
NICOTINE MFG. CO., ST. LOUIS, MO.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Nicoticide kills all greenhouse pests.
The Maxwell Mfg. Co.,
Eleventh St., Louisville, Ky.

LEAF-MOLD

Leaf mold, 50c per bbl. Orchid peat, 45c bbl.
Chas. Wager, Ohioville, N. Y.

Leaf-mold and orchid peat. Write for prices.
F. J. Scott, Loyd, N. Y.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

PAINTS AND PUTTY.

Twemlow's old English glazing putty, liquid and elastic. Write Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
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Our stock of STANDARD FLOWER POTS is always large and complete.
Whilldin Pottery Co., 713 Wharton St., Philadelphia, or Kearney and West Side Aves., Jersey City, N. J.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Erneat, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SPHAGNUM MOSS.

Sphagnum moss, fresh and clean, 5-bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. Cash.
H. R. Akers, Chatsworth, N. J.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Two large, dry bales, $1.50.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss. F. J. Scott, Loyd, N. Y.

TOBACCO.

The Fumigating Kind tobacco powder, a five-pound trial bag free, you pay express. It kills aphis.
H. A. Stoothoff Co., 116 West St., New York.

Tobacco stems by the bale or carload. Write for price on quantity you can use.
F. G. Borden, Milton, Wis.

Tobacco dust. It will pay large users to get our samples and prices.
E. L. Koppelman & Co., 81 Pine St., New York.

Tobacco stems for fertilizer. Car load lots.
Maxwell Mfg. Co., Louisville, Ky.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

WIRE STAKES.
Belmer's galvanized steel stakes for roses, carnations, mums—no bugs—last forever.

	2 ft.	3 ft.	4 ft.	Terms:
No. 8 wire...per 1000,	$4.85	$7.15	$9.50	Cash
No. 9 wire... "	4.00	6.00	8 00	with
No. 10 wire... "	3.55	5.35	7.10	order.

We can furnish any size and length.
H. BELMER & CO., Cincinnati, Ohio.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

The Gem support is the best support on the market. See display adv. for full description.
J. H. Broxey, Florist, Dayton, O.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Wire work. As manufacturers we eliminate the middleman. None other made as good at our prices.
C. C. Pollworth Co. Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

Wire work, all kinds.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SEED SAVING.

Much might be written on this subject. I cannot believe that localities have any particular influence, but more depends upon the system of saving and ripening seeds, says a contributor to the Horticultural Advertiser. As an instance I may mention mignonette seed. When I grew it in large quantities, I found it best to keep each saving of seed separate, for when several different lots were put together the seed did not germinate so evenly; and once, when wanting some to sow, I had to use some which had not long been collected, with the result that it was very slow to germinate, and came up unevenly. This is contrary to the general rule, as immature seeds usually germinate quicker than those thoroughly ripened. As an example of this I may refer to cannas. When thoroughly ripened it takes a long time for the hard shell to split, and it is recommended to file them to assist the bursting; but if seeds are sown before they are quite ripened off, they will germinate in a short time, and require no assistance to burst their shells. In these there does not appear to be any loss in vigor from sowing immature seeds.

I am not prepared to state from actual observation, but it is supposed that with tomatoes unripe seed will germinate quickly, and plants will be weak; but if they can be got over the early stages of growth, they will crop earlier, and the crop may be heavier, though not such large fruits individually. I can say that I have had remarkably good results from seeds five and six years old. I have also grown cockscombs from seed seven years old, and the plants appear to form the combs earlier than those from new seed. It used to be a theory that stocks would produce a larger percentage of doubles from old seed. I have proved that it may be kept for several years, but cannot vouch for the fact that it it likely to produce more doubles. There is one thing, however, that I fully believe; that is, that a much larger percentage of double flowers is obtained from seed saved from the main stems only, and these topped when they have attained to a fair length.

I remember when balsams were grown for exhibition, a most successful exhibitor always saved his seed from the main stems only, and he attributed his success to the fact of having carefully selected the seed, but I think culture also had something to do with his success.

There are many seeds which under natural conditions are subject to a long period of drying, and which no amount of drying seems to injure; but there are others which never do get thoroughly dried. Taking cyclamen seed as an example, this should never be subject to much drying; from the time it is collected until it is sown it should be kept in a cool place. Shut up in a tin box, it will keep firm and plump, but when over-dried it does not

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germinate so readily, and the seedlings are weaker. All primula seed is easily perished by over-drying. I remember losing seed of some choice varieties of P. Sinensis through accidentally having it on a shelf, exposed to the sun a few days too long. The seed of this has often given trouble, and I believe the cause may be traced to over-drying. I might here add, that when sowing any of the cyclamen, primula, etc., a covering of finely chopped sphagnum moss, which will retain moisture will be much better than any other covering; and when this is used, if the pots are stood in a shady position where they are otherwise exposed to the light, the seeds will germinate, and not be so liable to damp off as when the pots are covered with glass, or closely shaded.

It is now about the time for the seed of Aralia Sieboldi to arrive, and this is an example of perishable seed. It will lose its vitality in a few days if allowed to get dry. I have kept it several months, shut up in a tin box, and kept in a cool place; but sown as soon as received, it will germinate more satisfactorily, and the young plants will come stronger.

Some seeds may be all the better for being kept a considerable time; yet others, which under natural conditions germinate as soon as they fall from the plants, perish quickly, and vitality may be destroyed by over drying. Seeds may be perfectly good when received from a seedsman, but their vitality may soon be destroyed by keeping them in a dry, warm place. We hear of fern spores keeping good for an indefinite period, and some may if under suitable conditions, yet under ordinary treatment I have proved that many will perish within a year.

SOAPS AS INSECTICIDES.

Any good soap is effective in destroying soft-bodied insects, such as plant-lice and young or soft-bodied larvæ. As winter washes in very strong solution, they furnish one of the safest and most effective means against scale insects. The soaps made of fish oil and sold under the name of whale-oil soaps are often especially valuable, but variable in composition and merits. A soap made with caustic potash rather than with caustic soda, as is commonly the case, and not containing more than thirty per cent of water should be demanded, the potash soap yielding a liquid in dilution more readily sprayed and more effective against insects. The soda soap washes are apt to be gelatinous when cold, and difficult or impossible to spray except when kept at a very high temperature.

For plant-lice and delicate larvæ a strength obtained by dissolving half a pound of soap in a gallon of water is sufficient. For the pea louse as little as one pound of potash fish-oil soap to six gallons has been effective (Smith). Soft soap will answer as well as hard, but at least double quantity should be taken.—Bulletin.

Sales from the advertisement in the Review have been very satisfactory.—W. H. Newman, Akron, N. Y.

I always enjoy the Review exceedingly, with its timely advice, entertaining articles and well placed advertisements.—S. L. Young, Fishkill-on-Hudson, N. Y.

SMALL FERNS for Fern Dishes, in 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

P. Chinensis in 2¼-in. pots at $3.00 per 100; $25.00 per 1000. P. Obconica Grandiflora Rosea and Fimbriata, in 2¼-in. pots at $3.00 per 100; $25.00 per 1000. P. Forbesi in 2¼-in. pots at $2.50 per 100. CELESTIAL PEPPERS (just the thing for Christmas) in 2½-in. pots at $3.00 per 100; $25.00 per 1000. SMILAX in 2¼-in. pots at $2.00 per 100.

All the above mentioned stock are strong plants ready for a shift.

GARFIELD PARK FLOWER CO. (Not Inc.) **Frank Oechslin, Prop.**
1688 WEST MADISON STREET, CHICAGO.
Mention The Review when you write.

PRIMROSES

Chinese and Obconicas, ready August 20. ..... $2.00 per 100
Forbesi, Baby ..... 2.00 "
Floribunda, yellow ..... 2.00 "

ASPARAGUS

Plumosus nanus, 2-inch pots..... $2.00 per 100
Sprengeri, 2-inch pots..... 2.00 "
Shasta Daisy, 2-inch pots..... 2.50 "
Pansy Seed, large flowering..... 4.00 per oz.

Cash. **JOS. H. CUNNINGHAM, DELAWARE, OHIO.**

To-Bak-Ine Products
THEY KILL BUGS"
LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.
FUMIGATING PAPER
FOR BURNING.
Fumigating Powder
FOR SLOW BURNING.
DUSTING POWDER
FOR VEGETABLE GROWERS.
You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.
E. H. HUNT
76-78 Wabash Ave., Chicago
Mention The Review when you write.

CARNATIONS IN ENGLAND.

The American long-stemmed carnations have quite taken the lead in all floral decorations in England in which carnations are employed. We have raised many fine carnations in this country, mainly for exhibition and border purposes; though there are some winter and spring flowering varieties, grown under glass, of which Uriah Pike may be cited as an example, which produces its flowers on long stems, but the American raisers have made this a peculiarly distinct requirement in their schedule of properties, and they have succeeded in a remarkable degree. The admirable manner in which they have been staged by Messrs. Dutton, Felton and others, in masses in large trumpet vases, has powerfully appealed to the imaginations of many, and given an enormous impulse to the demand for plants.—Horticultural Trade Journal.

I get much pleasure and profit out of the Review every week.—Fred Hatch, Scranton, Pa.

The Review is worth very much more than the subscription price.—F. H. Lanman, Plymouth, Mass.

When I am in need of anything I always look for it in the Review.—J. W. Alexander, Charleston, W. Va.

I would not want to do without the Review. The writers are all up-to-date and each issue very instructive.—S. M. Wyatt, Watseka, Ill.

Araucaria Excelsa
OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the **Araucaria Excelsa** from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

5¼-in. pots, 10 to 12 in. high, 2 years old, 50c each.
5½-in. pots, 12 to 14 inches high, 60c each.
6-in. pots, 14 to 16 inches high, 75c each.
6¼-in. pots, 16 to 20 inches high, $1.00 each.
Araucaria Compacta Robusta, unusually large, very beautiful, $1.25, $1.50, $1.75, $2.00 each.
Araucaria Excelsa Glauca $1.00, $1.25, $1.50 ea.
Kentia Forsteriana, 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.
Ficus Elastica, imported, 4-in. pots, 25c.; 5 and 5½ in., 35c. and 40c. each.
Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, very strong, at the rate of 12c.
Asparagus Plumosus Nanus, 2-inch pots, ready for 3-inch, $5.00 per 100.
Cocos Weddelliana. 3-in., 15c. By doz. or 100.
Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each.
Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,
Importer and Wholesale Grower of
POT PLANTS.
1012 Ontario St., PHILADELPHIA, PA.

CYCLAMEN GIGANTEUM
large flowering, extra fine plants, ready to shift, 3-inch, $5 00 per 100.
Primroses, Chinese and Obconica, 2¼-inch, $2.00 per 100.
Asparagus Sprengeri, 2¼-inch...$1.50 per 100
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.
Mention The Review when you write.

BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
2000 lbs. (ton)	$30.00		

BLOOD AND BONE

Samples and guaranteed analysis furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs....$2.00 200 lbs....$4.00 500 lbs....$9.00 1000 lbs....$16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

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Cineraries about Aug. 15, 2¼-in	2 00 "	Antirrhinum, assorted colors, 2¼-in	2.00 "

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Boston Ferns, 8-in. pans, $10 per doz.	
Asparagus Sprengeri, 2-in	2.50 per 100
Asparagus Plumosus, 2-in	2.50 per 100
" " 3-in	4.00 per 100
English Ivy, 2-in	2.00 per 100
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KANSAS CITY.

The Market.

Very little has been done in the retail stores this week. Some fine rains have visited us, making things look considerably fresher than for some weeks. Roses, with some few exceptions, are very poor. Carnations are fair, considering the heat. Sweet peas are almost out of the market and are of poor quality. Asters are coming in and are fair. There is a large stock of gladioli, Shasta daisies and dahlias coming in and they are selling rapidly, bringing fair prices. Stock at the growers' is looking well and we hope for some good stock soon. A few weddings and garden parties are using up the outdoor flowers, but very little is being realized for them.

Various Notes.

The Alpha Floral Co. is doing quite a business, considering the dull season, and keep quite a stock on hand.

Miss Louise Boggess, with D. Freudenthal, has returned from a two weeks' vacation in the country.

A peep into the greenhouses of Sam Murray shows things to be in first-class condition and when the time rolls around for the flower show Mr. Murray will be an important factor.

Another one who will make himself felt is W. J. Barnes, who is putting his houses in fine condition and has some very fine stock on his benches.

Some new stock of roses is coming in from A. Broman's place in Independence and, considering everything, is about the best seen here. Mr. Broman's stock is handled exclusively by Miss M. Dalley, who finds a ready market for the output.

Mr. Harnden, of the Harnden Seed Co., is making arrangements to put in a refrigerator at his place near the market and expects to handle cut flowers, commencing the first of September. Mr. Harnden will have no competition in his end of town and should do a good business.

The Owl Florists held their opening last Saturday and, although the day was a miserably wet one, their sales were very fair. Considering that their store is small, they have one of the neatest establishments in the city.

Nelson Jarrett was at the market Saturday with a fine load of begonias and ferns. He is one of the best begonia growers in this section of the country and always finds a ready sale for his product.

Jacob Tobler, who has been under the weather the past two weeks, was in the market Saturday with some fine stock.

Henry Lambach, with L. Baumann, Chicago, was here last week.

KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots, Azalea Pots, Bulb and Fern Pans, Etc.

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BACK AGAIN

HEWS POTS



'NOUGH SAID EH

WELL HOW MANY THIS TRIP?

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CAMBRIDGE - MASS.



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ST. PAUL.

July 23 the annual picnic was held by the Twin City florists at Wildwood, White Bass Lake, both Minneapolis and St. Paul sending a large contingent of florists, their families and their most intimate friends. The day was an ideal picnic day and everybody was feeling high over it. All the races and contests came off without a hitch and the prizes were good and honors just about even. They were too many to mention names. The committee, composed of Mr. Hartman, of Minneapolis, N. C. Hansen and William Swanson, of St. Paul, did everything they could to satisfy everybody. The ride on the steamer Ramsley, with the inevitable ice cream and cake for the ladies, and cigars for the gentlemen was the principal affair of the day. Henry Puvogel sang solos, also several ladies showed musical culture and excitement ran high, especially on the latest songs. After this dancing was all the go with the younger element and it was late, very late, when the last florist crawled under.

Some of our growers are getting things ready for benching carnations as soon as possible, but quite a few of them are averse to it, and claim the old way of planting in the first half in September is better. Otherwise everything is pretty quiet all around, as usual, and everyone is waiting for W. Strehlow's wedding, which is to take place as soon as his new residence is completed. Hurrah! Three cheers for "Billy"! C. B.

Will you please cut out my advertisement of cannas? You are too much for me; I can't keep up with the orders if I keep you going.—James Frost, Greenville, O.



POT YOUR LILIES IN OUR RED POT



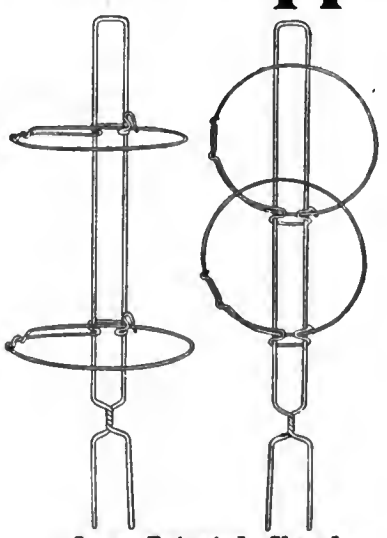
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" No. 4	3x5x24	2.75	"	6.00	"
" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
" No. 7	6x16x20	5 50	"	.00	"
" No. 8	3x7x21	3 00	"	50	"
" No. 9	5x10x35	6.50	"	62 00	"
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TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held July 25. Three new members were elected and three names proposed.

There was a good attendance and a good show of cut flowers. The monthly prize given by Secretary Newbrand for the best display of flowers cut outdoors brought out a good competition. The winning collection came from Greystone, Samuel Untermyer's place at Yonkers, and contained over 100 species and varieties. The gardener, John Featherstone, was highly complimented.

An interesting discussion developed on the culture and diseases of the hollyhock. Regarding the time of sowing the consensus of opinion was that the first week in August is best. From seed sown then plants can be had strong enough to winter over without loosing the center growth, as is the case with earlier plants. Regarding the hollyhock disease, several of the members gave their experience with different treatments, but so far no reliable preventive seems to have been found. It was conceded that atmospheric conditions and situation had a good deal to do with it, a close, humid atmosphere and heavy night dews assisting the progress of the disease. A high open situation is the best place to plant, freedom of air being one of the best agencies to keep the disease in check.

The committee on the annual outing reported that it had made arrangements to have the dinner at Beck's Rye Beach hotel on August 16 at two o'clock and that a program had been arranged for on the hotel grounds, the sports to begin at noon. W. S.

Albany, N. Y.—John Dingwall, on the Troy road, swallowed Paris green by mistake on July 14. Instantly realizing what he had done, he hurried to St. Peter's Hospital, where a stomach pump saved his life and he is now none the worse for his experience.

Danville, Ill.—Wm. Linfoot has sold out to H. A. Dubuis, who will not only continue the business under the name of the Danville Plant & Flower Co., but will put it on a much larger scale. Mr. Dubuis is a son of O. F. Dubuis, superintendent of parks at Peoria, Ill., and who was for about twenty-five years superintendent of the west side parks in Chicago. The son has until recently been head-gardener under his father at Peoria.

SEE THAT LEDGE.
Pat. Sept. 18, 1900.

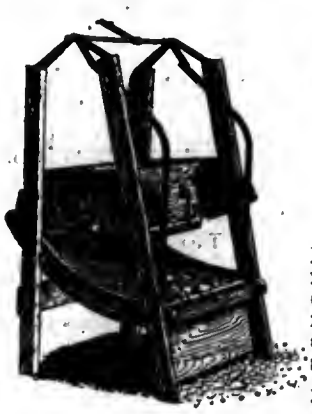


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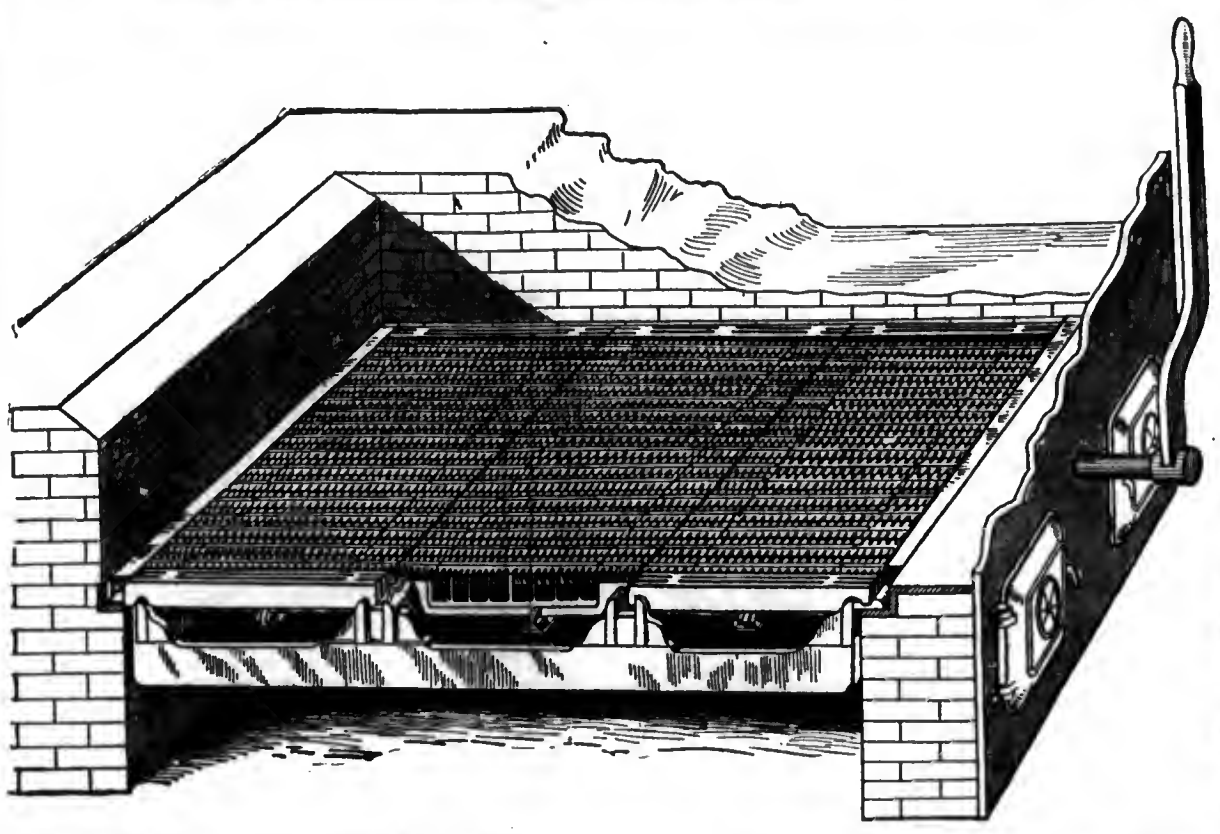
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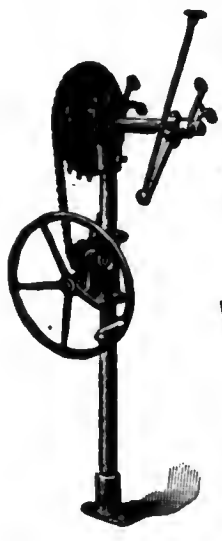
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G. L. GRANT, Editor and Manager.

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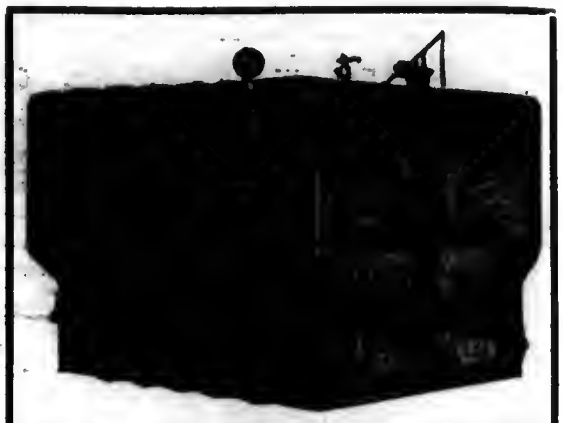
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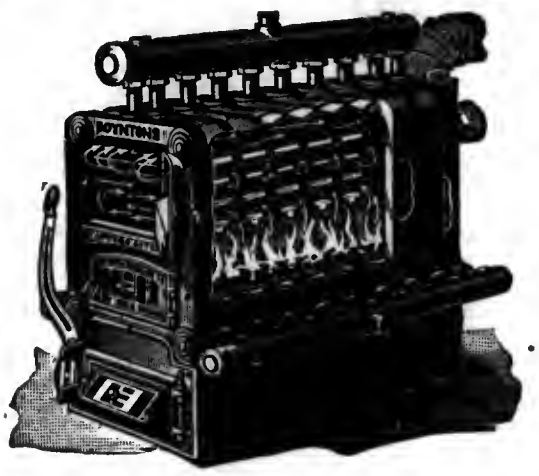
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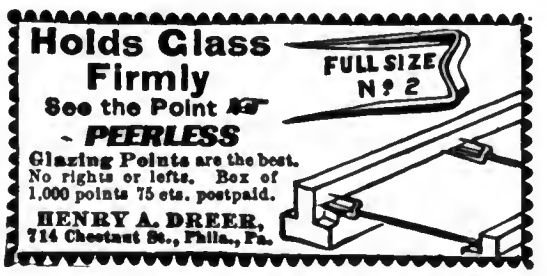


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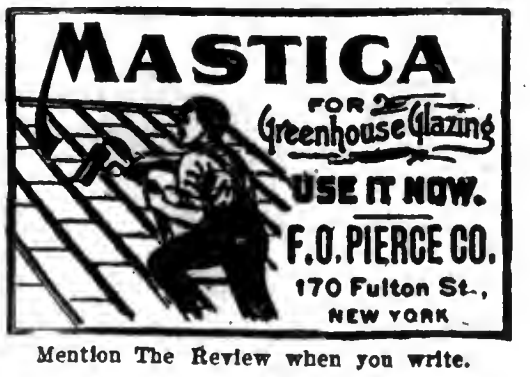
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Window boxes of high and low degree are likely to be much in fashion next year. A window box is a small, cramped-up style of ornamental gardening compared to our veranda boxes, the drooping plants in which hang down to meet the coleus or cannas or salvias planted in a narrow border at the base of the veranda. Perhaps there is some permanent climbing plant on the pillars, and then on the spacious veranda sit the bald-headed grandpa and two or three generations of his posterity. Such scenes make our resident streets beautiful and homelike.

In such places we think window boxes would be rather out of keeping. Not so in crowded cities, where no plot of grass or group of shrubs can exist between the sidewalk and the house. There, where nothing but brick and stone confront the eye, the window box is appreciated. Twenty years ago we noticed them much used in the country towns of England and two gay colors were much in evidence, the blue lobelia and Calceolaria aurea floribunda. Neither of these plants is of use to us. The lobelia makes a nice show the day it is put in the box, but is never as good afterwards and in July it goes out of commission entirely.

Now there are any number of upright plants suitable for these boxes, but free growing drooping plants are not so common and it has taken these preliminary remarks to tell you that one of the very best is the common little money vine, Lysimachia nummularia. This poor, creeping little plant is crushed with the name of a Grecian philosopher or Roman emperor a little worse than Nero. We never have too many nice plants of it in the month of May. In many places it has escaped from vases or boxes and has taken possession of the ground, forming a green matt in place of sod.

Cut off two or three inches of the tender tops and dibble three of them into a 2-inch pot. Place the tops anywhere outside or inside, but you may as well put them in a frame at once, where they are to stay until the end of next March. Protect during the winter with glass or boards or your pots will be cracked, but the little plants want to be frozen up hard, for that is just what they need. When they are thawed out in early spring, bring them into the greenhouse, pinch off the dead tops, if any, and shift into 3-inch pots and set along the edge of the benches and in a few weeks you will have fine plants and the runners covered with gay little yellow blossoms. I do not know of any better or prettier plant for the purpose, or one so cheaply supplied.

There is another weed excellent as a drooper, which wants just the same manipulation. It is Glechoma variegata. The green form of this will destroy any grass if it gets a good start, but the variegated form makes a fine drooper where so-called vines are wanted.

Poinsettias.

Do not let shade from any cause be over your young poinsettias. Keep them on the lightest bench and the pots plunged to keep them from continually drying out. This is a good time to put in a batch of cuttings for use for pans. Do not take them out of the sand and put directly into the 8, 10 or 12-inch pans. Better pot in 2½-inch and when once rooted select for each pan plants of uniform size and strength. You can always depend on a good demand for these well grown plants in pans and there is much more profit in them than there is in some flowering plants we import.

If your trade calls for cut stems of these poinsettias there is plenty of time yet to plant out young plants in five inches of good, heavy soil. It should be in a house where it never goes below 50 degrees. This may seem a little low for such a tropical plant, but when planted out the roots are sound and active and they do not need as much heat.

In a bed or bench plant out your old plants that you are taking cuttings from. You will still get cuttings and a lot of useful, moderate size bracts.

Verbenas.

There are still a few growers of verbenas who still propagate by cuttings, which, of course, is the only way if you grow named varieties. About the middle or the end of this month cut back a few of each of the varieties you want to perpetuate, stir up the ground around the plants and work in a little fine manure. In three or four weeks you will have plenty of young growths, just the stuff for cuttings, which will root much more readily than the old, wiry cuttings that the old growths would give you.

We look for a return to popularity for this sweet, old, flower-garden plant. Beds of verbenas of one color take us back many years. It seems they used to grow taller and stronger about the time of the Crimean war, for we remember verbenas occupied the center of the beds with an edging of some silver variegated geraniums. In those days whole beds were occupied with heliotropes, which were commonly called "cherrie pie," we suppose from the sweet odor, and we remember when a very small boy having seen a wild rabbit hide himself in a luxuriant bed of heliotrope. We screamed out much to the amusement of a dozen men with scythes: "Aleck, there is a rabbit in the cherry pie." The love of hunting or killing game is very early in evidence in boys. It is an honest and natural trait, for we are descended from prehistoric hunters who killed or starved. As friend Bell, of Franklin, Pa., beautifully says of old brute man: "From stronger beasts he fled, on weaker beasts he fed." But I am getting slightly away from my text.



John Westcott.

Cold Frames.

This is a time of the year when you can make good use of cold-frames. Young cinerarias, calceolarias, Primula Sinensis and P. obconica and even, if you have no better place, 3-inch pots of Begonia Lorraine, and more particularly some of the shrubby begonias, such as the improved B. incarnata; all these can

be well managed in a cold-frame. The sash can be raised back and front so that there is a constant current of fresh air and there is the great advantage of being able to shade from the mid-day sun with lattice or cheese-cloth shading and clear light the rest of the daylight hours. William Scott.

JOHN WESTCOTT.

John Westcott, president of the Philadelphia Florists' Club, is one of the most popular men in our profession. He has been a successful business man for the past thirty years, first as a member of the firm of Pennock Bros., later as a member of the firm of John & W. H. Westcott. Mr. Westcott's genial disposition and unfailing interest in all his fellow florists have won for him hosts of friends, invitations to his fishing parties at Waretown being highly prized. Mr. Westcott has done excellent work for the Philadelphia Florists' Club and to his efforts are in a measure due the good size delegations that Philadelphia sends. even to distant convention cities. Mr. Westcott will head the Philadelphia delegation leaving Broad street station for Washington at 8:32 a. m. next Tuesday. His portrait is on page 603. Phil.



CARNATION NOTES.—WEST.

Freshly Planted Stock.

The first two weeks after your carnations are planted are perhaps the most trying of all to your patience and skill as a grower. During that time you can either make or ruin at least your early crop of blooms. If you are careful and faithful you will get your plants started in their new quarters with but a slight check, and they will go right on growing and your early blooms will be of good quality. On the other hand, if you are careless and neglect your plants even a single warm day they will suffer severely and even if you succeed in keeping them all alive you will be able to see the effects for a long time in dead foliage and poor blooms.

The greatest aids in helping to get the plants re-established are shade and water, but while they are aids they can also easily be made a detriment. Too much shade and too much water are as bad as too little, and to give just enough of each and no more is where your judgment and experience are called into play. During the first two days the shade can hardly be too heavy if the days are warm, but as soon as the roots take hold and begin to supply the plants with moisture the plants want light and as the roots become more and more active in the same degree the plants will want more light until they have the full sunlight to feed upon.

To keep the same heavy shade on the glass until the roots are thoroughly active is to unbalance the plants' growth. The plants in the absence of light cannot develop a healthy tissue and a weak, soft, spindly growth is the result, which wilts when exposed to the strong light. So we try to remove the shade by degrees as the plants show signs of recovering. After they have been planted about one week you should remove about one-third of the shade, either by washing it off or with a brush. We like to have it done by a rain, if possible, because usually after a rain we have a few cooler days, but don't wait too long for the rain. In another week remove another third, and as soon as the plants will stand it remove all the shade, which will usually be after about three weeks.

All this time the hose is playing a very important part in the operation. After the first watering, which is to settle the soil around the roots, the soil will need little or no water for a week or so, except what it gets when syringing. While the roots are becoming reestablished and are unable to supply the plants with any, or sufficient water, you must use the hose and by syringing the plants overhead sustain them in a fresh condition, ready to draw on the roots as soon as they are able to supply them. But it must not be overdone. All you want is to keep the plants fresh. Encourage them all you can to draw on the roots; it will cause activity in the roots.

Each time you remove some of the shade you will have to syringe oftener for a day or two, but discontinue it just as soon as the plants will stand up without it. For a few weeks keep the soil just fairly moist, but do not let it get dry and crusty on the surface. Stir it often and before it gets very dry water just enough to keep it damp. Give all the air you can at all times.

A. F. J. Baur.

PLANTS FROM THE FIELD.

In the Review of July 27 Mr. Baur writes that carnation plants from the field "should be kept covered closely to keep the sun and wind from them until planted." I have about 10,000 carnations to plant. The field they are in is a mile from the greenhouses. It takes three men two hours to dig up a load of plants and haul it to the greenhouses, using a one-horse wagon carrying about 750 plants at a load. Is it necessary to cover the plants when they are not out of the soil longer than two or three hours? If so, what should I cover them with? If they are not covered will they recover quickly or is the check severe enough to affect next year's crop? Would you advise dipping? G. F.

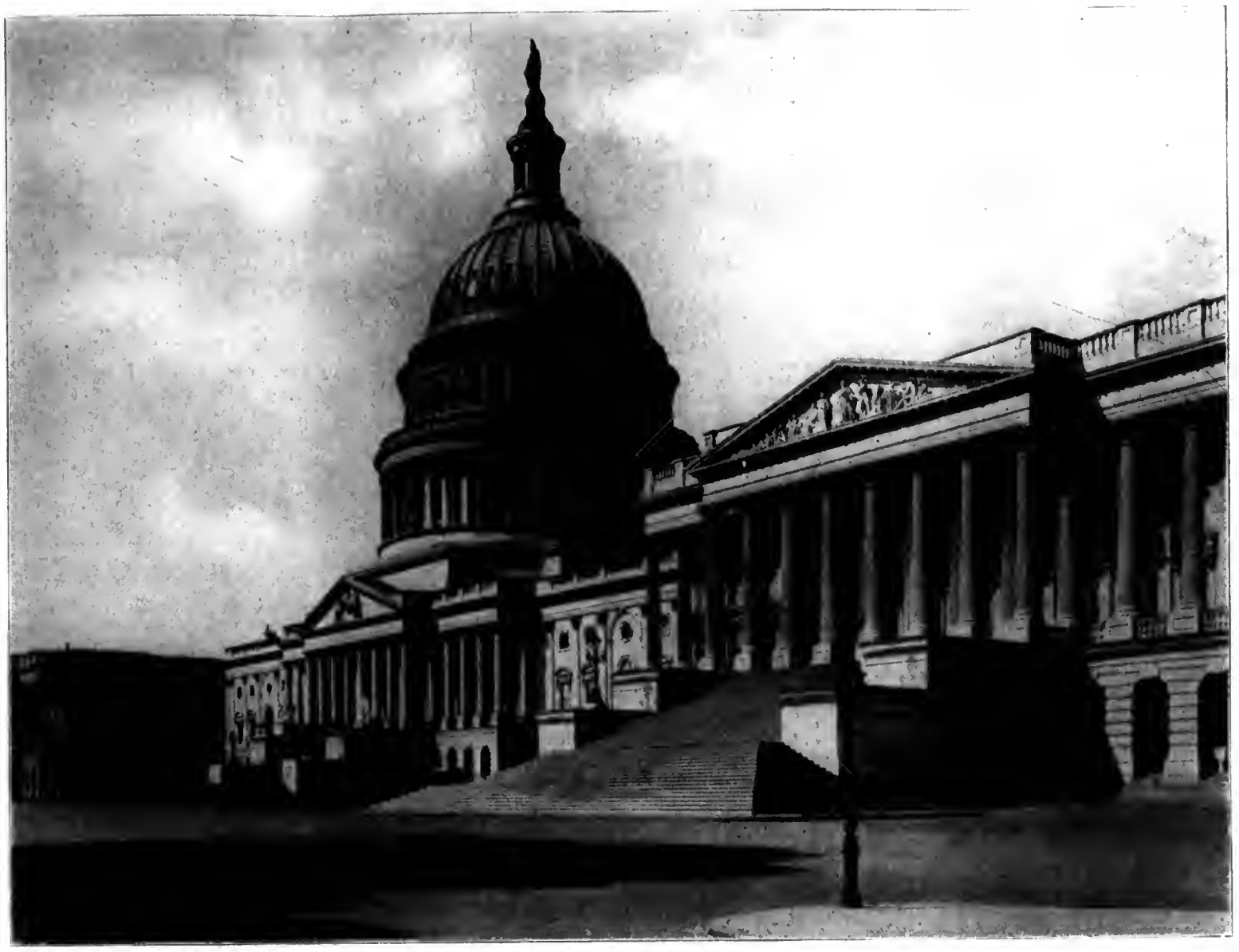
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I certainly would advise you to cover your carnation plants while digging and hauling them if they are out of the soil as much as two hours. Just how much the plants would suffer would, of course, depend on the weather and the condition of the plants. For instance, if your plants have had frequent rains and are just a little soft in growth, and you happen to be digging them on a hot, bright day, two hours out in the hot sun and air would give them such a check that it would take them a long time to get over it and you would likely lose a good many altogether. If your plants are well matured, and I may say, hard, they would not suffer so much, but it would not do them any good and it would have its effect on the time it would take them to start to growing. You would lose more foliage, too, than where there was no wilting of the plants.

When you consider how little trouble it is to cover them you can readily see that if it helps the plants even the least bit in this trying ordeal it will pay to do it. Take some burlap and roughly stitch it together to make a piece large enough to cover your wagon and drop down over the sides, and throw it over the plants as you load in the boxes. This will keep off the sun and the wind. The one is as bad as the other. If you load in each box as soon as it is filled with plants, they need never be exposed longer than twenty minutes at the most. If you will keep the burlap wet it will be all the better, besides being heavier and blowing less with the wind.

Just how much such exposure as you describe would affect next season's crop would, of course, depend on how much the plants suffered. Many growers follow the mistaken idea that it does not do any damage to the crop to allow the plants to suffer occasionally, as long as the plants seem to recover in time. More careful growers will tell you that any check to the growth of a plant will have more or less effect on the crop later on, according to the time or severity of the suffering. A plant that is healthy at the start and is kept in a growing condition, will always produce better results than a plant that either starts out as a runt or meets with a severe check at some later time. This transplanting of the carnation plants is not natural to them, nor is it of any benefit to them whatever, though of course it must be done to get them under cover for winter blooming. The fact that they recover quickly and go on growing is no argument. Look at those you planted in the house in the spring. How much better they are early in the season and how much cleaner in the way of dead foliage, yes, and disease, too. Of course in time these transplanted ones catch up with them. If they were handled carefully, so that little or no wilting occurred, they will overtake them before Christmas, but in many cases the quality remains lower until the spring crop comes, or even later. Usually the greatest difference will be noticed in the earlier crops, up to January. By that time, if the treatment has been good, the plants will overcome the effects of any ordinary check.

As I said in the same number of the Review, we used to practice dipping the roots as they were dug, but this year we are not dipping them. Our plants are taking hold nicely, although I cannot say that the dispensing with dipping is causing it, because we have had no rain to speak of for four weeks and our plants are in fine shape to transplant. Anyway it does not seem to make them take hold less readily. If your plants are large and the least bit soft on account of abundant rains I would advise you to dip them when they must remain out of the ground several hours. It will prevent wilting and that is the first thing to look to. During this operation the first sign of the plant's suffering is in wilting.



The Capitol Building at the Capital City, Where the S. A. F. will Hold a Capital Meeting Next Week.

If you can keep your plants from wilting for ten days you need not worry about them taking hold after that. As to whether dipping pays for the trouble, I would merely say that nothing is too much trouble if it will help the plants through this trying time.

A. F. J. BAUR.

SOCIETY OF AMERICAN FLORISTS.

The following interesting and apparently official communication appeared last week in the REVIEW'S contemporaries. As no copy reached the REVIEW its reproduction here is with credit to the Florists' Exchange:

To the Commercial Florists of North America, and to all others who are interested in Floriculture as any part of their life work:

The twenty-first annual convention of this society will be held in Washington, D. C., August 15 to 18, 1905. This society, for the past twenty years, has been a representative one. It has been the foremost national organization in horticulture. It has accomplished much on broad, general lines. It has helped needed and favorable legislation. It has everywhere reduced the cost of transporting plants. It has disseminated much knowledge of cultural methods. It has checked misrepresentations of unscrupulous dealers. It has inspired most of those exhibitions which have attracted public attention to ornamental horticulture.

Having been present at all of the meetings of this society, and having taken some part in them, I may claim a measure of loyalty to its work, though if further evidence be needed, the fact that its chief office lies in me this year is sufficient reason why I should speak plainly for its welfare.

Let us look at its membership record. Fifteen years ago, in 1889 and 1890, we averaged 1,100 members, while in 1899, ten years later, we had less than 600 paid members. Last year, after our World's Fair convention in St. Louis, we totaled only 889, or nearly twenty per cent less than fourteen years ago.

Now the increase in the number of persons engaged in ornamental horticulture during the past five years only has been twenty-five per cent, and during fifteen years probably over fifty per cent. This shows that our society has fallen short from forty to seventy-five per cent of its rightful increase, and has gained nothing from the recent enormous growth in floriculture and general horticulture.

It is conceded that the increased public interest in our chosen work during the year just past is unprecedented; some say that one-third more people are taking an interest in gardening today than ever before. This is true of both rich and poor. Add to this the civic improvement work and school garden movement.

I appeal both to those who appreciate what this society has done and to those (if there be such) who believe we are not meeting present opportunities, to be present with us at this convention.

Am I justified in claiming that the Society of American Florists needs your presence at Washington, August 15, to decide how we may wisely meet these wonderfully enlarged demands on our profession; how we may appeal directly to all these growing interests; how we may increase as a society in proportion to horticultural increase; how we may continue to be nationally what we have been; how we all may, commercially and for public good, take advantage of this floodtide of horticultural awakening which is upon us?

Your part is to come to the convention. Your membership fee is nothing; your presence is everything.

The visit will be a recreation and a benefit. The result will be an inspiration to others, and a duty performed.

Come and bring a friend.

J. C. VAUGHAN, President.

Convention Program.

The business program stands as published in the REVIEW two weeks ago. The address of welcome will be at 2 p. m. Tuesday, delivered by Commissioner McFarland.

The first social feature will be the president's reception, on the lawn of Andrew Loeffler, at 7:30 Tuesday evening. There will be refreshments and music.

Wednesday, immediately after the morning session, the ladies are invited to luncheon by the wife of the vice-president, Mrs. J. R. Freeman, at 612 Thirteenth street, three squares from Convention hall. This will be followed by a carriage drive.

The men's bowling takes place Wednesday afternoon.

At 9 a. m. Thursday there will be a trolley ride. At 2 p. m. cars will be on hand to take the gunners and friends to the grounds of the Analoston Gun Club. At the same hour the ladies will bowl at the Y. M. C. A. alleys.

Friday at 9 a. m. there will be an exhibition drill by the Engineer Corps on the White Lot, the exhibition there being

considered a very fine compliment to the visitors. The balance of the day will be in the hands of the Baltimore Florists' Club, who promise to make it a day long to be remembered.

Immortelle Flag.

The following are the rules and regulations for the Bayersdorfer prize of $25 for the best American flag made of immortelles tied on toothpicks or otherwise. Brading will not be admitted in this contest:

1—The entrance fee will be $5 to pay for hall space.

2—The flag is to be not more than six feet nor less than five feet ten inches in length.

3—The style of flag to be left to the discretion of the exhibitor.

4—Each exhibit is to be in the hands of the superintendent of trade exhibition before 10 p. m. of August 14.

5—Each exhibit is to be numbered, the number to correspond to a like number in a sealed envelope containing the name of the exhibitor.

6—The judges are to be appointed by the executive committee of the S. A. F.

Peter Bisset, Sec'y.

AMERICAN CARNATION SOCIETY.

The board of directors will hold a meeting to take up the matter of by-laws, etc., during convention week of the S. A. F. at Washington, D. C. The time for this meeting will be fixed at a preliminary meeting, to be held in Convention hall, Tuesday, Aug. 15, at 2 p. m.

Peter Fisher, President.
Albert M. Herr, Sec'y.

WASHINGTON HOTELS.

The following list of hotels and rates is supplied by the hotel committee of the Washington Florists' Club:

The Shoreham, Fifteenth and H streets N. W., six squares from meeting hall; single rooms, one person, $2 per day; single rooms, two persons, $3 per day; room with bath, one person, $3 per day; room with bath, two persons, $4 per day; suites of parlor and two bedrooms with bath, $10 per day.

Arlington, Vermont avenue and H street N. W., seven squares from hall; $2 per day for each person.

Manhattan, 604 Ninth street N. W., European plan, one square from hall; for men only; $1 per day and upward.

Colonial, Fifteenth and H streets N W., European plan, six squares from hall; single room, $1 per day.

St. James, Sixth and Pennsylvania avenue N. W., European plan, seven squares from hall; single rooms, $1 to $2.50 per day; room with bath, $2.50 per day; suites with bath, $3 to $4 per day.

Columbia, for men only, 1413 Pennsylvania avenue N. W., six squares from hall; room for one person, $1.50 per day; two persons, $2.50 per day.

Metropolitan, Sixth and Pennsylvania avenue N. W., seven squares from hall; American plan, $2.50 to $4 per day; European plan $1 to $3 per day.

Johnson, Thirteenth and E streets N. W., four squares from hall; European plan, $1 per day and upward; American plan, $2.50 to $4 per day.

Cochran, Fourteenth and K streets N. W., seven squares from the hall; $1.50 per day, with bath $2 per day.

Fredonia, 1321 H street N. W., five squares from hall, American plan, single room $2 per day and up, double room $3.50 per day and up; European plan, single room, $1 per day and up, double room $1.50 and up.

National, Sixth street and Pennsylvania avenue, seven squares from hall; American plan, $2.50 per day, two in a room $2 per day; European plan, $1 per day and up.

Riggs, G and Fifteenth streets N. W., five squares from hall; $3 per day and up.

Ebbitt House, F and Fourteenth streets, five squares from hall, American plan, special rate of $2.50 per day, parlors and bath extra.

Fritz Reuter, Fourth street and Pennsylvania avenue N. W., five squares from hall, $1 to $4 per day.

Hotel Raleigh, Twelfth and Pennsylvania avenue N. W., four squares from hall; $2 per day and up.

The Washington Florists' Club especially recommends the Shoreham, Arlington, St. James, Colonial, Metropolitan, Johnson, Fredonia, National, Riggs, Ebbitt House and Raleigh.



Bench of the New Single Red Geranium, Tiffin, in 3-inch Pots.

GERANIUM TIFFIN.

About eight years ago we found a number of seedling geraniums under a bench on which a new set of imported geraniums had grown, bloomed and seed ripened, which fell to the ground and grew. One of these seedlings made an unusually clean, healthy growth, branching very freely, of a medium dwarf habit, and at once commenced blooming, producing large trusses of blossoms, of a brilliant, dazzling scarlet. We have grown it every year since and it has proven itself to be an excellent geranium in all respects, good bedder, splendid pot plant both in and out of the house and always in bloom. In the field where our various stock plants are bedded out it is an easy matter to pick out the rows of this seedling, which we have named Tiffin. It has clean foliage, no zone, and the flowers are very mumerous, borne well above the foliage on stiff stems. We have in the past few years sold the plants to our home customers as Ullrich's Seedling and all who have had it once want it again, owing to its blooming quality, in preference to any other variety we grow.

One of the accompanying pictures shows one of the plants, another shows a bench of plants in 3-inch pots and the other is a picture of the front view of my residence and lawn decorated with large pots of Tiffin, showing its great blooming qualities as an outdoor pot plant.

Lewis Ullrich.

CANADIANS MEET.

The eighth annual convention of the Canadian Horticultural Association is on this week at Montreal. The attendance is the largest in the history of the association and the trade exhibit does much to add to the interest.

The opening session was called to order at 2 p. m. on Tuesday, August 8, Mayor Laporte, the city's chief executive, being present to extend a welcome to the society. The response was by Wm. Gammage, of London, who thanked his worship for his kind words and the extended invitation to drive and luncheon on Thursday morning.

President George Robinson, of Outremont, then assumed the chair and read his annual address, which appears in full in this issue. It provoked a lively discussion, particularly on the tariff question. While there was difference of opinion, there was agreement that the tariff should be remodeled from a florist's viewpoint. It was so recommended to the tariff commission. The matter of a trade paper was left to a committee to discuss with the editor of the Canadian horticultural magazine.

The reports of secretary, treasurer and committees showed the society to be in a very prosperous condition. The judges of the trade exhibits recommended that certificates be awarded D. J. Sinclair, Toronto, for florists' supplies, and to Campbell Bros., Simcoe, for new varieties of gladioli. Diplomas were recommended for Hall & Robinson and Dupuy & Ferguson.

On Tuesday evening there was a session devoted to essays by Frederick G. Todd, Thos. McHugh and R. Burrows. These were very interesting and freely discussed.

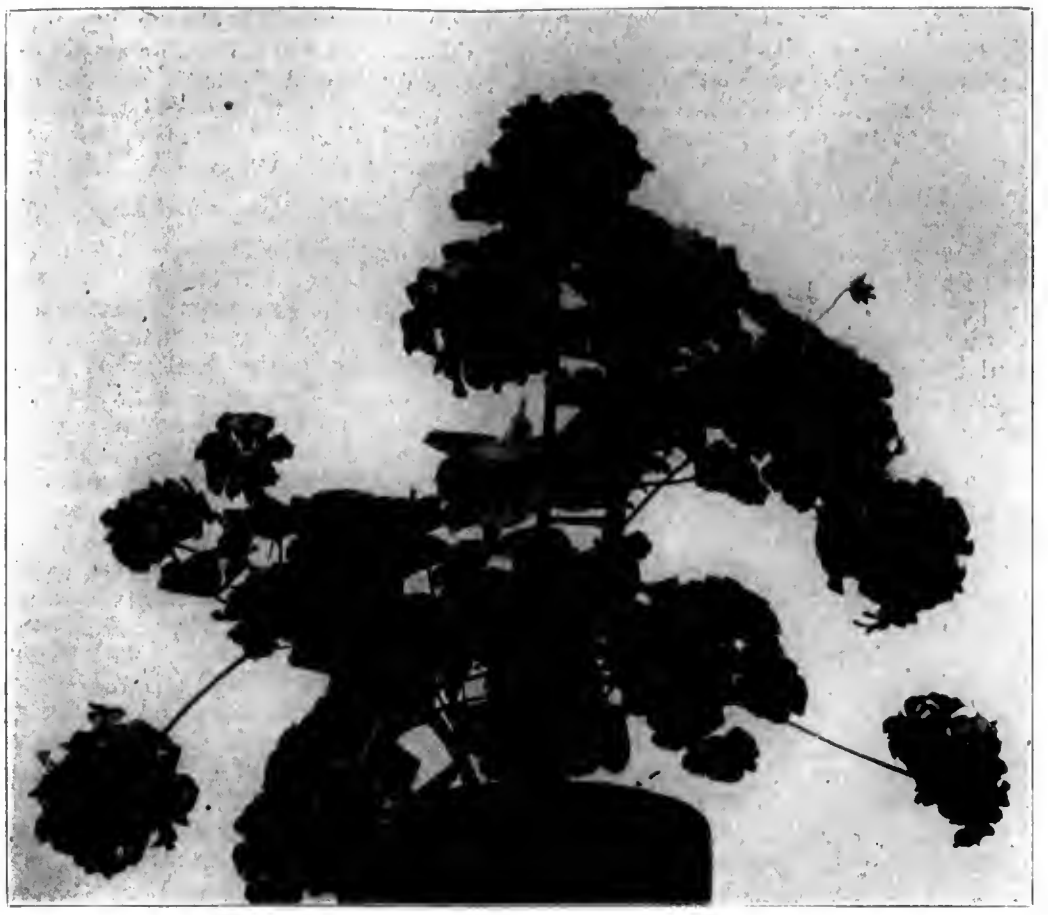
COLD STORAGE LILIES.

I would like to know if cold-storage longiflorums planted the first week in August will be in flower for Christmas. Our house runs about 55 degrees in zero weather.

J. O.

Your lilies will be in before Christmas if you planted them the first week in August. For Christmas it is usually counted that ten to twelve weeks should be allowed from cold storage to flower. Planted ten weeks before Thanksgiving you are likely to have to hold them back if you want them for that date and we have very much bright, warm weather.

H. O.



New Geranium Tiffin, Grown by Lewis Ullrich, Tiffin, O.

THE PRESIDENT'S ADDRESS.

[The following is the address of President Robinson, read before the Canadian Horticultural Association, at Montreal, August 8.]

Allow me in presenting this, the seventh annual address of a president of the Canadian Horticultural Association, to congratulate you on the progress which has been made since our last meeting in this city. Then there were only four members in attendance from the great west and very few from other parts of our vast Dominion. Today the west has sent representatives from almost every town and city and the east has distinguished itself beyond our most sanguine expectations. We have a representative from far away Newfoundland, which goes to show that the society is extending its usefulness and making itself felt throughout and outside the Dominion, but while we are exercising such an influence over a certain class of our profession, I feel that the society's usefulness could be very much extended. Up to the present I may say the association has been solely and wholly a trade organization, and I would like in the near future to see our profession, in all its branches, better represented than heretofore.

Interest the Gardeners.

This could be accomplished in several ways. The private gardeners, for instance, do not receive any direct benefit from attending our convention. They cannot make a trade exhibit, as the florist can, and consequently apart from the social part of the program they are practically lookers-on. The committee this year is to be congratulated upon devoting so much of the program to landscape and private gardening, but even this is not sufficient. The landscape public and private gardeners have no doubt inculcated a love of flowers into the hearts of thousands of people, thereby creating a larger demand for flowers year by year. Consequently the florists reap the reward of the gardeners' work, so we should reciprocate and help one another to the utmost of our ability. I believe this society should substantially recognize the work of our fellow-craftsmen by the awarding of suitable medals or certificates, to be competed for at our annual convention by private gardeners. I earnestly hope some action will be taken at this meeting or by the executive committee during the coming year to formulate and carry into effect this recommendation.

Recognition of Novelties.

I would like to call your attention to the necessity of a registration bureau, where new introductions in plants or flowers, whether raised here or brought into this country, can be judged, registered and a complete record kept of all such exhibits. At the present time the originator of new varieties is sadly handicapped in having no such committee to send his introductions to and consequently has to wait until a local flower show is in progress to get his fellow craftsmen's opinion on his product. This branch of our profession is in its infancy now, but it is wise to get the machinery well oiled and in running order before needing it. I would respectfully suggest that a committee be appointed by this association, composed of three members in say Montreal, Ottawa, Toronto and London, who could meet at stated intervals, or as necessity demanded, to judge any new rose or well-grown plants, flowers or anything pertaining to horticulture, with power to award medals, diplomas, certificates or whatever award the exhibit should merit. This would entail very little time and trouble on the part of the committee and would be an incentive to the Canadian hybridists and raisers of novelties to improve the existing varieties now in cultivation.

Trade Conditions.

From information I have gathered I am satisfied that the past season has compared favorably, as far as profits are concerned, with former seasons. Prices to the growers have been good and good flowers and plants have been in steady demand. Considering the enormous amount of glass which has been added to our commercial places throughout the country in the last few years, it is really surprising where the product is disposed of. There was scarcely a time where there was a glut in the market and oftentimes a scarcity of flowers, especially of good flowers. Not only is the demand increasing, but the demand for quality is increasing also, thereby showing that our business is becoming more a necessity than a luxury every year and is taking its rightful place in the commerce of the country. The plant trade has been very good, especially at the holiday season. Plants are slowly but surely gaining in public favor. This can be accounted for by the fact that every year more plants are grown and



Residence of Lewis Ullrich at Tiffin, Ohio.

of infinitely better quality than ever before. There is no fear of plants taking the place of cut flowers, for while the demand has increased enormously of late years for plants, the demand for cut flowers has increased accordingly. There is probably more money in growing cut flowers than in growing plants, but the florist doing a retail business will certainly come out on top by growing a stock of good plants in variety.

The bedding plant trade this year exceeded all expectations. A larger quantity than ever was grown, but all were sold out before the demand was exhausted. It is in this particular class of trade that we feel the necessity of uniform prices. This subject is a rather difficult one to handle, but after we have heard Mr. McKenna's paper we will probably find a solution of this much discussed subject.

The demand for shrubs and herbaceous plants is increasing rapidly. Many new residences are being built in the suburbs of our cities and the growing demand is for some plant that will not need renewing every year. I would advise all florists with land at their disposal to lay in a stock of these useful plants and to be prepared to meet the demand.

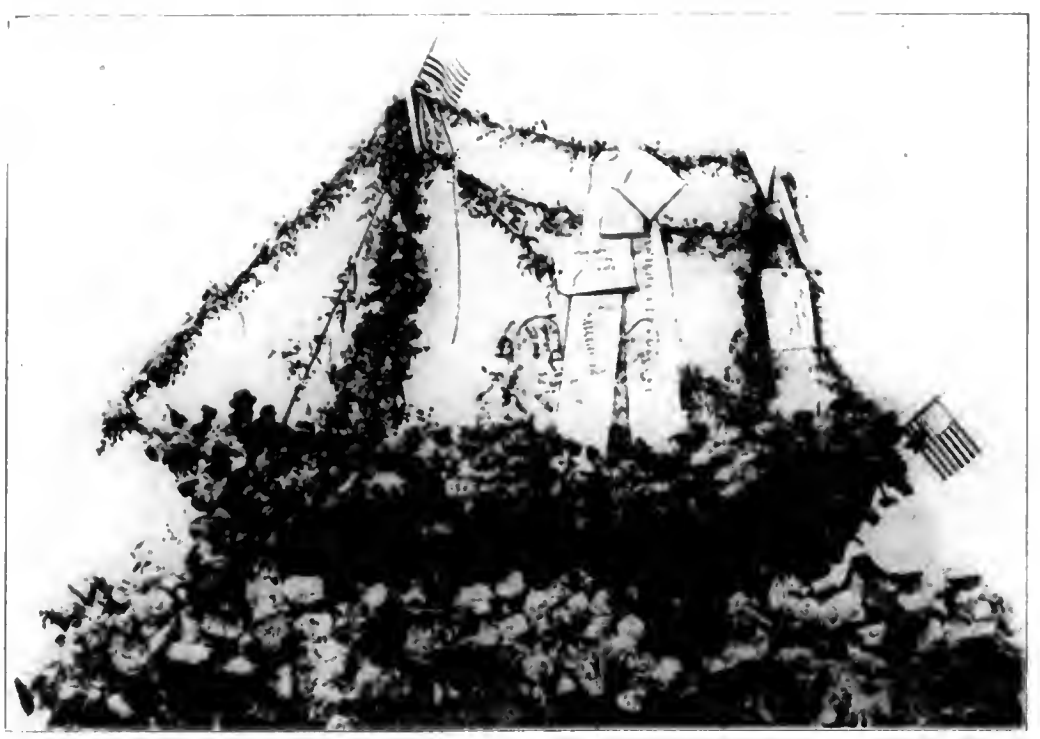
A Demise.

I am sorry to have to announce the demise of our trade paper. A Canadian paper is admitted by all to be a necessity. The Canadian Florist, while in circulation, was soundly abused, perhaps deservedly so, but when it disappeared it was sadly missed. I do not think a trade paper would for a few years pay its expenses, and like any other young business, it could hardly be expected to do so, but in a few years' time I feel certain a Canadian paper would be a paying concern. We have plenty of able writers and all we require is an editor who can command the respect and confidence of the trade in general. We have been very unfortunate in the selection of our editors in the past and I would advise discretion before this matter is officially disposed of. The reading matter in such a paper is certainly its chief attraction but the benefits to be derived by the Canadian florist is from the advertisements. There are wholesale houses all over our Dominion which can supply the Canadian trade with all the staple articles required, but who, unfortunately, have not the means of letting their brother florists know what they have to dispose of. Again a florist wants to buy a certain class of plants, but he has no means of finding out where he can procure them in Canada; consequently, he looks up his trade papers, which happen to be American; sends good money out of the country, pays the duty and is thankful for whatever he can get. Now, gentlemen, reciprocity is a word which is unknown to our neighbors to the south of us and the sooner we recognize the fact that Canada is for Canadians the sooner will our trade, our paper and our organization be successful.

The Tariff.

A resolution was passed at our last convention with reference to the question of duty on plants. Your committee did all in their power to carry out the wishes of the association. Our minister promised to get the matter put through the house immediately and several local members promised their hearty support, but, unfortunately, the last elections were too close and the next general elections too far away for us to get anything but promises. Anyhow the resolution created a good discussion in our trade paper and brought out a diversity of opinion among the members of the craft.

You are all aware that a tariff commission has been appointed to go the round of the cities this fall to discuss this subject with all branches of trade. Now I would respectfully suggest that the members of this society drop their party politics for the time being and discuss the tariff question from a business standpoint. It is entirely necessary that there be a uniformity of opinion before we can impress upon the commission the desirability of arrangement of duties on plants.



Floral Ship Made by M. A. Bowe, New York.

Labor Question.

While the labor question has been very unsettled in nearly all branches of trade, I am glad to say the relation between employer and employe in our profession has remained satisfactory. True, there is a scarcity of intelligent native help and we have to depend almost entirely on immigrants for our greenhouse help, but as our business increases and the possibilities of advancement are better known this matter will right itself.

The Trade Exhibits.

The trade exhibits in connection with our annual conventions are, I am glad to say, growing rapidly in extent and importance. The members of the association are shown the quality of the stock grown right in our own country. The exhibitors may be disappointed at not receiving a lot of orders immediately, but the exhibits will be impressed upon the minds of the delegates and when they require a certain stock they know just where to obtain it without going out of the country. Certificates and diplomas are in the hands of the association, and I hope the judges will award them generously but with discretion. This will also enhance the value of the trade exhibit.

I would again call your attention to the fact that a printed copy of the complete doings of the Canadian Horticultural Association convention, as well as awards of the various committees, would be a boon to all the members, not only as a reference, but if nicely printed would be worth preserving as a memento and record of past conventions.

Future of the Society.

A place of meeting for our convention next year should be seriously considered before a choice is made. We have visited all the large cities and the prevailing idea is to meet in one of the smaller towns. The argument is that it will stimulate horticulture in these towns. But will it be in the best interests of the society? Will the members attend the convention in a small town as well as they would in a city where there are other attractions, apart from the sessions? The prosperity of the association depends entirely upon its membership. The association is in a flourishing condition, thanks to the hard work of officers and members for the past seven years, but there is still a lot of missionary work needed. I would certainly like to see more activity among our members. A little effort by each would materially increase our membership. There is no reason why we should not double our membership next year. When we consider that there are fully 600 engaged in our business, it is strange that so few take advantage of the benefits to be derived from a national society. No member should rest until every member of the craft is enrolled upon our books and every florist throughout the country should be made to see the benefits arising from being a member of this organization and attending the conventions.

The thanks of the association are due the members of the executive committee, who have spent time and money attending the committee meetings and looking after the interests of the society since the last convention. They have been greatly handicapped lately by having no trade paper in which to discuss matters pertaining to the association. This has necessitated a large amount of correspondence, but this work has been done by them with a will, showing that they have the cause at heart. The result of their work and

deliberations is now before you and I hope will be dealt with as it deserves.

I must also congratulate the members of this association on the interest they have always manifested in our meetings. The sessions have at all times been well attended, papers given an attentive hearing, followed by animated discussions, which invariably bring out the best points on any subject. I would ask each and every member to keep up the reputation of our association, take part in all debates, and if you have a question you would like answered don't be afraid to ask it, either verbally or through the question box. It will be cheerfully answered by practical men. Give strict attention to business during the session and the local committee will see that you give strict attention to pleasure during the entertaining part of the program. A program has been arranged that I hope will prove interesting and valuable to each and every one and may you leave this city feeling that this convention has been interesting, instructive and another link in the chain of good-fellowship among all members of the craft in our Dominion.

JENSEN GETS PLACE.

The West Park commissioners at Chicago have appointed Jens Jensen superintendent of their entire system. Mr. Jensen first became connected with the west parks in Chicago about twenty years ago, handling the shovel and pick in construction work. He stayed with the parks until he became superintendent of Humboldt park, where he remained for a number of years, being removed for political reasons. Since his retirement he has been practicing landscape architecture and has done much work in the vicinity of Lake Geneva, which locality bears largely the impress of his skill in the profession in which he is self-educated.

Mr. Jensen goes back to the west parks free from political influence. He is promised a free hand in rejuvenating the system, which shows the result of a number of years of party domination. He may be expected to work a great improvement in horticultural as well as administrative matters.

Mr. Jensen is a native of Denmark. He came of farming parents but had a horticultural education in the schools of Germany and Denmark. On coming to this country he was located first in the south and later in the west but his residence has been in Chicago so many years and his principal work has been here, so that he may be claimed as a strictly Chicago product.

BRANTFORD, ONT.—T. A. Ivey reports trade quiet at present but that there is every prospect for another good season throughout Canada.

WASHINGTON, D. C.—Robert Bowlder is very busy just now, with building operations and planting. He hopes to get everything finished up in good shape before the convention.

GRANDVILLE, MICH.—The Stover Floral Co. reports that wet weather for almost two months has seriously interfered with outdoor work. The ground has seldom been dry enough to cultivate and weeds are flourishing. Geraniums and salvias show the effect of the wet more than other stock.



Jens Jensen.
(Superintendent of the West Park System, Chicago.)

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the REVIEW'S page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

Aug. 12	New York	Southampton.
Aug. 12	Vaderland	Antwerp.
Aug. 12	Lucania	Liverpool.
Aug. 15	Prinz Oscar	Naples.
Aug. 15	K. Wilhelm II	Bremen.
Aug. 16	Noordam	Rotterdam.
Aug. 16	Majestic	Liverpool.
Aug. 17	Moltke	Hamburg.
Aug. 17	Barbarossa	Bremen.
Aug. 17	La Bretagne	Havre.
Aug. 18	Cedric	Liverpool.
Aug. 19	St. Louis	Southampton.
Aug. 19	Graf Waldersee	Hamburg.
Aug. 19	Etruria	Liverpool.
Aug. 19	Kroonland	Antwerp.
Aug. 19	Bordeaux	Havre.
Aug. 22	Fred'k der Grosse	Bremen.
Aug. 23	Staatendam	Rotterdam.
Aug. 23	Baltic	Liverpool.
Aug. 24	La Savoie	Havre.
Aug. 24	Deutschland	Hamburg.

WE have been much pleased with the REVIEW in the past year and found it very helpful in many ways.—ENOE & BARNEY, Pierre, S. D.

LITTLE ROCK, ARK.—J. W. Vestal & Son, who had for twenty years shared a store with the Hollenberg Music Co., have removed to 409 Main street, where they will have needed room. P. M. Palez is in charge of the store. Three additional greenhouses are being built at the firm's plant in Argentea.

THE BERMUDA LILY CULTURE.

The chief industry in Bermuda is lily farming (Lilium longiflorum and the variety Harrisii), although the lily disease has been so prevalent of late years that many farmers have been compelled to give up growing these plants. This disease has given the British government endless trouble, and nothing has been discovered up to the present that will effectually exterminate the disease, although its ravages have been stopped to a great extent by spraying with Bordeaux mixture.

The ground is cultivated for planting the bulbs in August, after having been allowed to lie fallow during the summer months, although in some cases it is utilized for growing melons in order to keep the ground free from grass. A few years ago the experiment of growing tobacco for a summer crop was tried, but was soon abandoned, as the growers asserted that the crop took more nourishment from the soil than the tobacco was worth, and that they had to spend all the money derived from the sale of the tobacco to purchase manure for the lilies. In the experimental station nothing but farmyard manure was used when the ground was prepared for lily culture, and this consisted of as large a proportion of cow manure as possible, as the soil in Bermuda is sandy and porous.

The lilies are propagated by separating the scales from the bulb, and placing these in drills at a depth of three inches,

allowing four inches between the individual scales. This operation is generally carried out during the first week in September, and by the following June these scales form small bulbs one to one and one-half inches in circumference, when they are dug up, dried, and stored away in sand until the following September, when they are again planted in the ground in rows drawn three inches apart, allowing two inches between the bulbs in the rows. After a season's growth they are dug up about June, by which time they are from three to four inches in circumference. The following season they attain a size of from five to seven inches in circumference, which is the smallest marketable size; and they increase their growth until they reach a size of from eleven to thirteen inches in circumference, after which they do not increase in size, but deteriorate and split into bulbils.

It is when the bulb starts into growth that the disease puts in its appearance, and it is at this time that spraying operations are conducted. The method of preparing the fungicide is as follows: Three fifty-gallon barrels are obtained, one for holding the mixture, and the other two for mixing purposes. In each of the two latter barrels twenty-five gallons of water are placed; in the one case four pounds of copper-sulphate is added, and in the other six pounds of quicklime. When the sulphate of copper and the lime have dissolved, the contents of the two barrels are poured at the same time into the stock-barrel, which process insures proper mixing. The mixture is then ready for spraying. It is always better to spray the plants the first thing in the morning and the last thing in the evening. The lilies are sprayed before there is any appearance of the disease, and also at intervals throughout the growing season.

The farmer, as a rule, sells his bulbs in advance, before he puts them in the ground, there being such a demand for good, true bulbs. When these large growers notice a diseased bulb in their batch they dig it out and burn it. The experimental station advises, after digging out the diseased bulb, that the vacant place be sprinkled with crushed sulphate of iron; this kills any remaining spores that may be left in the soil.

The small growers, and several of these are Portuguese, mix diseased bulbs with the good ones, and sell to the commission man, who buys his bulbs ready dug up on the ground, and employs men to pack them. These men also mix their bulbs, putting the true variety Harrisii and the longiflorum together, and selling the mixture as true Harrisii. This is a great disadvantage when forcing the bulbs with the intention of obtaining flowers for Christmas, as the Harrisii variety will flower by Christmas, but the longiflorums are a week or two later in flowering. Another great mistake on the farmers' part is to dig up the lilies before the bulbs are ripe, as unripe bulbs are not fit for forcing. For instance, only last January I went to see some private gardens in Newport, R. I., U. S. A., where they annually force large quantities for Christmas. One Scotch gardener told me that a batch he had just started was diseased, and that his Christmas batch also turned out diseased. I informed him they were not diseased, but unripe, and that they would not stand forcing. I know of several similar cases where unripe bulbs have been pronounced diseased.

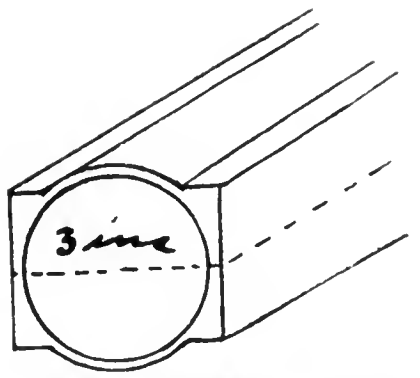
To conclude, I would advise any who force bulbs to dip them before they are potted into a solution of weak permanganate of potash; this kills the spores of the disease in the bulb. Again, when the lilies have commenced growing in the pots, spray at intervals with Bordeaux mixture; the spray leaves a bluish sediment on the foliage. This can be easily removed by syringing with clear water; but allow it to remain on as long as possible.—Geo. Chisholm, in the Gardeners' Chronicle.

SOLID BEDS VS. BENCHES.

As a constant reader of your paper, and presuming upon the good nature of your editors, I wish to ask for information and what in your judgment is the general experience with relation to the desirability of solid beds in greenhouses erected for cut flowers, and what is the consensus of opinion among flower growers as to the advantages or disadvantages of solid beds as against frame structures and whether, in your opinion, many have abandoned the solid beds and gone back to the other style.

Also I would like to know whether it is desirable ordinarily to run steam pipes through the center of the beds where they are constructed of cement.

L. P. T.



Tile Used for Bench Bottoms.

Regarding this inquiry, I have endeavored to get a consensus of opinion among growers and find the majority are using the table or raised bench. Some very successful growers are still using the solid bench in its varied forms and are earnest advocates in its favor, while others, equally successful, are just as strong in their advocacy of table benches. I may say, however, that I have confined my inquiries principally to rose growers, getting their opinions as to the most suitable style of bench and their reasons for their selection.

The objections to the various forms of solid bench may be summed up thus: In solid benches of whatever design the claim is made that the grower is unable to control the temperature of the soil below a specified depth, whereas, in raised benches the air of the house by having contact with the soil, both above and below, equalizes the temperature of the soil, thus leaving the control in the hands of the grower.

It is also frequent with solid benches that the roots dip into the subsoil, or drainage ,when the food may be unsuitable and thus cause damage. From my own experience I am convinced that solid benches do not respond so quickly as raised benches.

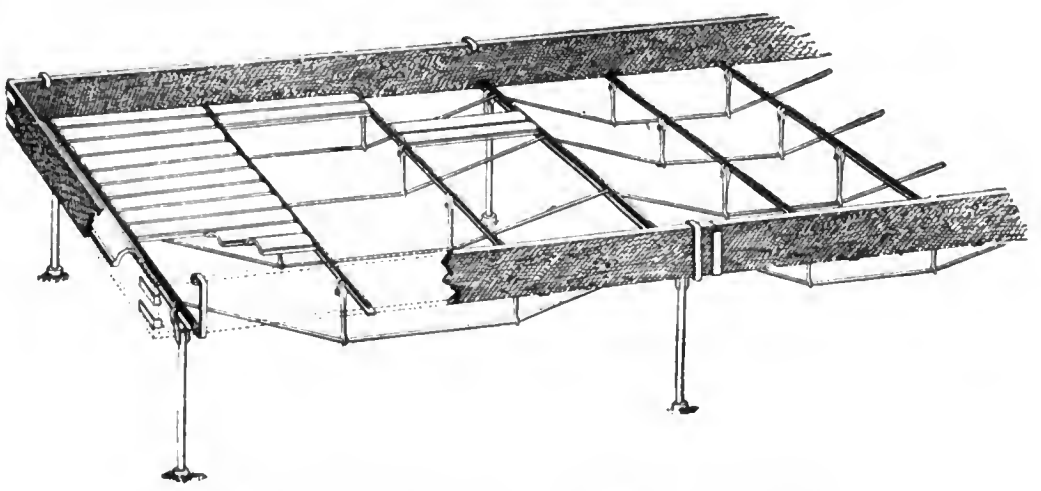
I have yet to hear of a favorable reply to the query as to the advisability of carrying pipes through the centers of cement benches and would strongly advise against this method, and particularly in rose benches, as I have never seen roses do well when so treated.

The old style table bench made entirely of lumber, while serving its purpose fairly well, had the great drawback of requiring too much repairing, and this repair work had to be done when the benches were empty and was a sore hindrance at planting time, the delay thus caused curtailing the growing season and upsetting the interior of the house every second or third year.

To obviate this delay and get rid of the continual repairs necessary where the bottoms were wood, tiles were substituted for boards with marked success. The drainage being more perfect and natural, this method found favor with most growers, but as we are never content, there are still coming newer styles, each and every one claiming to be the best and, having to erect more glass this season, I have been looking over the latest designs with a view to secure the best.

The accompanying illustration is from a design of the King Construction Co. and which, in my opinion, is nearest the ideal of anything I have seen, being neat, easily erected, substantial and practically indestructible and in cost of construction compares favorably with any of the existing styles of either solid or raised benches. The materials for this bench, iron and tile, will cost about 11 cents per square foot and the cost of labor about 1 cent per square foot, but of course the cost of material depends a good deal on location and where the tiles can be obtained.

The bottom of the bench on which the tiles are placed is the upper side of a trussed beam; the under side is formed by iron rods on tension. The bench bottom is composed of half or split tiles of the shape shown in the smaller illustration. These tiles are three inches in



Tile-Bottomed Bench with Trussed Iron Supports.



A Part of Peter Reinberg's Range of 1,200,000 Feet of Glass.—Photographed by Leonard Kill.

diameter and come whole but may be split along the dotted line, thus making two half tiles two inches high and form one of the best materials to stand compression. They cost about 2 cents per square foot of space.

The side boards, which may be of wood, tile or cement slabs, do their share of the work also, the intermediate cross tee irons being cut so that a flat surface catches on the lower edge of the side board, which is held down by hook irons at the main cross ties.

As the tiles run lengthwise of the bench, the width of the bench can readily be varied by the width of one tile, four inches.

The bench being practically all iron and tile leaves no lodgment for vermin.

The posts for supporting the bench are placed six inches in from the side, thus leaving ample room for hanging the heating pipes and can, for stability, be bedded in concrete, but the whole structure, when properly erected, is stable enough if set on any kind of a solid foundation. RIBES.

THE WATER HYACINTH.

Will you not give us a short history of the water hyacinth, how it was brought to the south and from where, also what the government is doing toward its destruction? I think it would be very interesting reading to quite a few. G. K.

Eichhornia speciosa, the water hyacinth, the "million-dollar weed," is a native of tropical South America. It was known in 1879 and has been cultivated for many years in northern collections of tender aquatic plants, where its odd form and freely produced light blue flowers never fail of attention and admiration. Since the plant became a pest in southern waters the United States government has expended great sums of money in the study of the plant and measures for its destruction, but nothing accurate has been learned as to how the plant was introduced to the localities where it is now so much at home. As nearly as can be determined it was first put into the St. Johns river, in Florida, by the draining of a pond in which it had been grown for ornament. In the river they grew luxuriantly and multiplied rapidly. At that time no one had any idea that the plant would become a nuisance and it was carried to many other places by those who liked it.

The water hyacinth commonly floats without attachment to the soil and thus moves from place to place with the winds or currents, being supported well above the water by the air chambers caused by the peculiar swelling of the basal portions of the leaf-stalks. The propagation by stolons is very rapid and this, coupled with the fact that the plants travel, causes them to spread over nearly all bodies of sluggish fresh water to which it in any manner becomes introduced. The trouble with the plant usually comes from accumulations of the floating plants, which often are sufficiently impregnable to stop screw and sidewheel steamboats and sometime even paddle-wheel boats.

The Department of Agriculture has made many tests to determine how the water hyacinth can be destroyed. Several purely mechanical means were tried, removing the plants and clearing the water, but it was found that the pest speedily became as bad as ever, possibly growing from seeds left in the water. Gasoline, salt and various poisons were found to kill the plants but to the use of each there is a serious objection. In 1897 the Department set forth its findings in a bulletin in which the writer said: "On the whole I am forced to the conclusion that the eradication of the water hyacinth is impracticable; furthermore, those who have given the matter candid consideration mostly agree in this opinion."

This seems to have ended the matter with the Department of Agriculture, or at least it offers nothing of later date, but the War Department, which is brought into the matter by its control over navigable waters, is continuing the battle against this pest. For the past two years the Engineer's Office of the War Department has been operating with considerable success with a chemical prepared by the Harvesta Chemical Co., of New Orleans.

BOSTON.

The Market.

A fairly good market has been experienced of late. The quantity of flowers coming in has not been heavy, but ample for requirements. In roses Beauties, Kaiserins and Carnots of good quality are seen. These bring very fair prices. Carnations are quite small. The top price is $1.50, poorer stock going as low as 40 cents to 50 cents. Sweet peas have improved a little in quality since we had recent rains, and sell quite well. Asters are abundant and the quality is extra good, whites of course being in best demand for funeral work. Some good gladioli come in, also Lilium longiflorum, auratum and speciosum. These sell from $6 to $10 per hundred.

Various Notes.

It looks as if a delegation of fifty will leave Boston for the convention. Some are on the fence about going, too busy housing carnations, etc. A good representation from the Hub is, however, certain.

A. H. Hews & Co. have just placed on the market a very neat and serviceable perforated earthenware saucer for supporting melons grown under glass, similar to what are largely used in England.

June bug larvæ are causing great destruction to lawns this season, many being entirely ruined. The pest seems to be especially bad in and around Boston.

A meeting of "ornamental horticulturists" who are affiliated with the Gardeners' and Florists' Club will be held at Horticultural hall on August 12 to talk over S. A. F. matters. An effort will be made to rouse interest in the national body.

T. J. Allen, of Lewiston, Me., formerly at Poland Springs, was in town this week buying stock for fall. He reports business as quite satisfactory.

A syndicate of wealthy Bostonians will erect eight large houses at Halifax, Mass., to be devoted to flowers and vegetables.

The Plant Estate.

The gardeners' committee of the Massachusetts Horticultural Society, who visited the Plant estate, Groton,

Conn., on August 4, spent a very enjoyable day. Great improvements were noted in all departments since the time of the previous visit on this fine new estate. In the greenhouses three houses of single-stem chrysanthemums were in grand shape and should be strongly in evidence at the New York and Boston shows. Among the new sorts Mrs. W. Duckham looked exceptionally well, also Emily Mileham, Mlle. Jeannie Nonin, Mrs. J. A. Miller and others. Among the older sorts W. Duckham, Henry Barnes and many more were looking fine. Carnations have been housed five weeks and were growing nicely, as were roses. Two divisions of grapes were carrying their first crop of finely finished fruit. Black Hamburg and Muscat of Alexandria were mostly grown. Two other divisions were occupied by nectarines and peaches. Quite a few orchids are being grown. A batch of calanthes looked extra well.

The formal garden contained a good selection of tender and herbaceous plants, which made a capital showing. Numerous bay trees and hydrangeas in tubs are used for piazza decoration. Other features inspected were a new rock garden, vegetable garden and a general utility garden, where flowers for cutting and early vegetables are grown. Thomas W. Head, the superintendent, had everything in good condition. The committee was generously entertained by Mrs. Morton F. Plant, in the unavoidable absence of Commodore Plant.

Exhibition.

The first of the weekly shows to be held during August provided an interesting exhibition on August 5. Perennial phloxes and herbaceous plants were quite extensively shown. For the former H. A. Stevens Co. and Blue Hill Nurseries took prizes in the order named. Quality of spikes was not up to the average, the date set being too late. George Hollis also made a display of phloxes. Blue Hill Nurseries were easily first for thirty varieties of herbaceous flowers, Bay State Nurseries being second. Each of these exhibitors also made large honorary displays of hardy flowers, an extensive collection also coming from Harvard Botanic Gardens, Robert Cameron, gardener, and filling three large tables.

Mrs. L. Towle had a collection of dahlias in eighty-four varieties and Joseph Thorpe thirty varieties of sweet peas. Mrs. E. M. Gill had a general display of seasonable flowers. The Blue Hill Nurseries received first-class certificates for the new Tritonias (Monbretias) Germanica and Geo. Davidson. Fruit and vegetables were largely shown and the Mycological Society had a nice lot of mushrooms.

Death of J. S. Richards.

John Salter Richards, better known to many in Brookline as "Uncle Dick," died on August 3 at the age of 94. He was believed to be the oldest florist in Massachusetts, if not in the country, and with only his pet parrot, Tommy, to keep him company had lived in a little, old-fashioned, white house with green blinds near the entrance to the Country Club grounds in Brookline.

His history was an eventful one. Born at Cullompton, Devonshire, England, on June 10, 1811, he came to America while quite young. As a youth he drove for the widow of Alexander Hamilton in New York. He knew the first Cornelius Vanderbilt when the latter was a poor ferryman. Coming to Boston he served as coachman for a time, but catching the gold fever went to California in 1850. Returning to New York he was employed for some time by the banking firm of Burgoyne & Co.

In 1855 he returned to Boston with $4,200 in twenty-dollar gold pieces in a canvas belt strapped to his waist. He went to Brookline and purchased four acres of land on which he made his home the rest of his life. For many years he grew flowers, plants and vegetables for the Boston market and for a period of over twenty years was a regular exhibitor at the exhibitions in Horticultural hall, receiving numerous premiums, some for varieties of flowers of his own raising.

Since 1859 the parrot, Tommy, had been his inseparable friend. One of his last requests was that the bird should share the same grave with him. His wish was complied with, the parrot being chloroformed an hour before the funeral and was lowered into the same grave with its master. A large number of people attended the funeral on August 7. W. N. Craig.

DENVER.

The Market.

The summer quietness now existing is bare of interesting facts, although there have been several funerals demanding quantities of flowers and, as stock is plentiful and not expensive, this business is received with much satisfaction.

The supply of carnations has shortened considerably and those arriving are not of very good quality, with the exception of White Lawson. Prices range from $1 to $3 for the better grades. The better grades of Brides and Maids are scarce, Chatenay being more in evidence and of good quality. Roses from young stock are beginning to make an appearance, although as yet they have no length of stem. American Beauty roses are not over-plentiful, the demand consuming the supply coming in. The quality is excellent and prices have been firm. Sweet peas are still plentiful but are getting shorter stemmed. Early varieties of asters are now seen in fairly large quantities and of fair quality. Gladioli and dahlias are also on the market.

Various Notes.

The recent visitors were C. Frauenfelder, Chicago; W. P. Kyle, of Kennicott Bros. Co., Chicago; A. Elkon, of the Botanical Decorating Co., Chicago; W. H. Woemer, of Omaha, calling on the trade with florists' wire designs.

J. A Valentine and B. E. Gillis, of the Park Floral Co., left Sunday for the east, intending to visit several of the eastern cities before arriving at Washington for the convention. They expect to be gone three weeks.

Miss G. E. Page has returned from her vacation to California. E. S. K.

Utica, N. Y.—George Boyce had a nice specimen of Cereus grandiflorus in bloom one night recently and made quite an advertisement of it by inviting his customers and others to his greenhouses to see the ever-interesting flower. The "function" was given considerable space in the local papers, one of them noting that the night blooming cereus "resembles a cactus."

RETAILERS' ADVERTISING.

Keep A-Pushing.

One step won't take you very far;
You've got to keep on walking.
One word won't tell folks all you are;
You've got to keep on talking.
One inch won't make you very tall;
You've got to keep on growing.
One little "ad." won't do it all;
You've got to keep 'em going.
—Saturday Evening Post.

The retail florists everywhere are taking an increased interest in the subject of advertising cut flowers and plants. The reproduction of a number of retailers' advertisements in a recent issue of the Review has brought to the editor's desk a large number of clippings of advertisements used by other retailers. A few of these are reproduced on the opposite page in this issue. Some are distinctly good and will afford other retailers an idea which they can use to their own advantage. Any of these advertisements is better than none at all, although to the view of the professional advertising man those which do not quote a price would not be considered as strong as they might otherwise be. However, Murtfeld, whose card is as small and inconspicuous as any in the lot, writes that its publication once a week in the leading paper of Minneapolis has resulted in a distinct increase in his trade.

An illustration is always a desirable feature of an advertisement, particularly where the space occupied is not large, but the principal endeavor should be after attracting the eye of the reader, to convince him that here is offered something desirable which is not beyond the reader's means. The great advance of the flower business must be due to the increasing use of flowers by people of moderate means. Few retailers have patronage among the multi-millionaries. Most of us must look to the common people for our business, and these are the ones whom we should seek to disabuse of the idea that flowers are an expensive luxury. And they are the ones most susceptible to the influence of advertisements.

GRAND RAPIDS, MICH.

The weather is very unfavorable to the handling of flowers, and business except occasional spurts of funeral work, is practically dead.

Mr. Melis, on Jefferson avenue, will build a carnation house. He is this season running the greenhouses himself; last year it was on shares with Frank Strong.

The Grand Rapids Floral Co. is building a residence for Will Hannah.

Geo. F. Crabb is recovering from an attack of appendicitis.

Clarence Hills is putting in a new style of cement bench. G. F. C.

Milwaukee, Wis.—The store of A. B. Loofbourow, 376 Grove street, was burglarized August 5. The store was ransacked and $30 stolen from the cash register.

McKeesport, Pa.—Those persons who were concerned in the recent raid on the greenhouse of the McKeesport Floral Co., which raid came about through a practical joke, and who entered into an agreement with McKeesport Floral Co. to make a settlement, each to pay his share of the damage, amounting to about $200 in all, have been released from all responsibility.

Fresh Cut Pinks

15c PER DOZEN

Choice Lily of the Valley, American Beauty and Jack Roses, Margarites, Sweet Peas, and all seasonable flowers.

Wedding Decorations——Floral Design

MACKIE, The Florist, 3 Pleasant St.

Everything in

Summer Flowers, Palms, Ferns, Etc.,

for the time of year Out door Rose Blooms in quantity.

The Humphrey Floral Store, 3101 Bush St.



Shotwell & Graver
FLORISTS

Cut Flowers of every description, for Weddings, Funerals, etc.

Palms, Ferns, etc. Geraniums and all varieties of bedding plants.

Strict Attention Paid to Out of Town Orders. Our New Catalogue Free Upon Request.

Phone 424.

FLOWERS *The Greatest and Choicest Varieties the Lowest Price.*

F. E. KEYES, 101 Highland Street.

Flower Plants for Sale

TRANSPLANTED.

Pansies, per dozen	$ .20
Pansies, per box, 6 dozen	1.00
Verbenias, per dozen	.25
China Asters, per dozen	.20
Carnations, per dozen	.20
Geraniums, potted, each	.20

The above plants are ready when wanted. Leave orders at your grocery store or telephone Main 158.

C. E. COLE,
THE GARDENER.

-:- ARTISTIC -:-

Funeral Designs

Staples' Flower Store,
STAPLES' DRUG STORE,
156 Main Street.

Special Sale on

GERANIUMS

$1.50 doz, sale price $1 doz.

$1.00 doz. sell for 50 cents.

German Asters, 25c dozen.

SAXE & FLOTO,
206 SOUTH MAIN.

We Give the Earth — SMELY'S GREENHOUSE — *Flowers and Decorations* — SO. FOURTH ST — With Every Plant — Both Phones 147



...BEAUTIFUL...

Wedding Flowers.

The wedding day calls for the very best and handsomest floral decorations. The all important event deserves the master hand of Paterson's leading florist. The magnificent stock of flowers in the Sceery store, in a development of perfection unknown elsewhere in town, is ready to contribute its beauties toward making the day a gala one long to be remembered. We believe that our many years of triumphant success in decorative work in Paterson and vicinity proves conclusively that we do possess the genius so necessary to the best results.

Let us estimate on various forms of decoration. Write us to call and talk it over—or drop in and see the myriads of Sceery flowers.

Appreciative people of taste will recognize the genuine art in our floral decorative work.

PATERSON'S LEADING FLORIST,

184 Main Street.

EDWARD SCEERY.

Carnation Pinks, 35c a dozen

Today and Next Week.

Nice, crisp lettuce, 5 cents a head.

J. MARTIN, Jr., Florist
273 Centre St., Just Above Congress.

What is a Crepe Chaser?

and where can one be found?

Ask the Woggle-Bug, or Chin-Chin, The Chinaman.'

There is one concern with which it has never gained a foothold, and that is at the Greenhouses of Tweedie, the Florist. They are obnoxious creatures and hard to kill, but you can trade with Tweedie without fear of being bitten; and you will find at this place the same high grade flowers which have gained for him an enviable reputation.

Artistic and High Grade Floral Work.

Can be obtained at the Cadillac City Greenhouse at all times, and for prices that you have to pay for inferior work.

Tweedie, The Florist

Citizens 'phone 1437 Bell 40.



SCHOOL DAYS' SETTING SUN.

Commencements all over the land are ringing down the curtain on the pleasant school days, and the occasion is a fitting one for testimonials of esteem and congratulations in the shape of floral baskets and bouquets.

The immense variety of flowers in the Schaefer conservatories offers a generous selection of your tribute. The great perfection of the Schaefer cultivations, the unexcelled beauty and fragrance of every bloom, means that whatever you order here will be the best of its kind.

If your card of congratulations is appended to a Schaefer floral offering you will be well satisfied.

Shaefer's, Inc., 378-384 Broadway

CEMETERY VASES!

We have just received something entirely new in the line of Pointed Glass Cut Flower Vases for the Cemetery. Call and see them. Price 25 cents.

C. W. ASMAN, Florist
506 Huron Ave.

	Per Doz.	100
CABBAGE PLANTS.	10c	50c
CELERY PLANTS..	10c	60c
TOMATO PLANTS..	10c	50c

also all kinds of

Bedding Plants
Cut Flowers
Floral Designs.
AT THE
Jubilee Nursery's Store
213 Graham Avenue.

Graduation Flowers
Bouquets and Baskets,
—AT—
Murtfeldt's, 826 Nicollet Ave.
Formerly with Mandenhall.
We Ship Flowers Anywhere.



Choice Cut Flowers

And a great variety of Blooming Plants can be furnished to patrons.

I am prepared to fill all orders promptly at moderate prices.

E. J. PERRY
FLORIST AND DECORATER,
203 S. Main St., Greensburg, Pa.

Bedding Plants

Verbenas, Pansies, Coleus, 5c each or 50c per dozen. Sweet Potatoes Plants, 30c per hundred. Hardy Plants, Boston Ivy, Bridal Veil Hydrangeas, White Wistarias, Clematis Vine, at 25c each. 4-foot Syringas $1.00 each.

O. L. BAIRD
FLORIST.

Some Examples of the Advertising Done by Retail Florists.

ST. LOUIS.

The Market.

Since my last report the cut flower trade has not improved very much. There was quite a lot of funeral work the past week, which helped the local trade greatly, and the wholesalers were relieved of some of their surplus in white flowers, which have been, and are, very plentiful. Everything in the market is going at extremely low prices. Asters are arriving in great quantities. The very choicest bring fair prices, but the bulk of them are sold in 1,000 lots as low as $2.50. Gladioli are a great glut and are not moving at any price. Light colors only are selling. Other colors are generally dumped. The same may be said of tuberose spikes. All the commission men are loaded down with them. The great bulk of them are of the Armstrong ever-blooming variety. The doubles are not nearly so plentiful.

Fancy carnations are out of the question at present. There are plenty of shorts in the market. The best quality seem to be white. In roses there is a good supply of all kinds and of very good quality, with clean foliage. Kaiserins are especially fine, also Ivory. Cochet roses, white and pink, are more than enough for the demand. Lily of the valley, too, is quite plentiful. All outdoor stock is in great abundance, with a very light demand. In "greens" the market has everything that is needed just now.

Various Notes.

Mrs. A. C. Canfield, of Springfield, Ill., was a visitor the past week, calling on the trade.

Charles Young, of C. Young & Sons Co., left last week for the east to be gone six weeks. Wm. C. Young, of the same firm, in company with his oldest son, leaves this week for an eastern trip, including Washington during the convention week.

Robert J. Windler has opened his new store on Grand avenue. He reports considerable funeral work since opening.

Henry Lohrenz's new place on Park avenue will be opened this week. The place looks very attractive.

On South Broadway, Florists Heile, Kohrs and Diemer are having a flower war to see who can sell the cheapest, being one block apart.

Mrs. Fred Foster and family are enjoying the cool weather up north. Mr. Foster will join them next week. He will also make the Washington trip.

Vincent Gorley, of Grimm & Gorley, reports summer trade good both at 517 Olive street and Fifteenth and Cass avenue. Their new ice-box at the Olive street store is a beauty.

The new store of Frank Fillmore & Son, on Meramec street, is handsomely furnished. The location is good and the fall trade there should be fine.

The new firm of Pilcher & Burrows, brokers in florists' supplies, reports that it has orders for a number of greenhouses and boilers, also for supplies of all kinds.

There is quite a lot of building and improvement going on among the Kirkwood florists, and they are becoming quite numerous in that suburb.

The Eggeling Floral Co. had a big run of funeral work the past week. The company is making extensive improvements for the opening of the fall season.

Chas. C. Fleckenstein and John M. Hudson, formerly wholesale florists in this city, were callers recently. Both are doing well, but in other lines of business.

Mr. and Mrs. Wm. Ellison are still among the northern lakes and are not expected home until September 1. This will keep Arthur Ellison away from the convention and the bowling club is very much weakened.

At one of our large funerals recently the number of cards handed in soliciting orders for flowers shows that crape pullers are becoming quite numerous about town again.

St. Louis to Washington.

The St. Louis delegation has decided to travel by way of Detroit, there to join the Chicago, Milwaukee and Detroit delegations on a special train to Washington. Our delegation will leave Sunday night, August 13, via Wabash. In this party, as it looks today, will be F. H. Meinhardt and wife, C. A. Kuehn and wife, F. M. Ellis and wife, John Steidel and wife, J. J. Beneke and wife, W. J. Pilcher, H. Lohrenz, Max Rotter, George Angermueller, A. S. Halstead, V. Gorley, George Waldbart, John Connor, Mr. Denecker and R. F. Tesson. Perhaps one or two others will fall in line at the club meeting Thursday of this week. The above delegation will be joined at Washington by the Misses Meinhardt, Theo. Miller, Mr. and Mrs. F. C. Weber and daughter, Mr. and Mrs. Kalisch, Chas. and Will Young, who are already in the east.

J. J. B.

NEWPORT, R. I.

The Summer Business.

Our retailers are now right in the midst of their best season of the whole year. Of course in a city like Newport there is a good floral business the year through, but it remains for the summer season to bring the rush of orders for luncheon, dinner, ball and in fact every possible form of decoration for the entertainments of the fashionable society people, of all the larger cities of the United States, who congregate here for the Newport season. The summer residents begin to come early in June, but it is July before they are all here; from then until after the horse show, in September, summer gayeties of every conceivable kind fill in the hours of both day and night, and as no entertainment here, however small, is ever planned without the florist, you can readily see how important to the craft is this summer business.

Every succeeding year our florists make more elaborate plans for this summer trade. Everything possible in seasonable stock is grown in enormous quantities, as when stock is needed for a large entertainment, say where $1,000 or more has been allotted for the flowers, immense amounts are used up even for one decoration, especially when outside of roses the bulk of all flowers at this season are outdoor grown and do not figure into money very fast. Sweet peas, snapdragon, hollyhocks, gladioli, lilies, lily of the valley, carnations, orchids, Hydrangea paniculata grandiflora, poppies and in fact everything fit for cutting that blooms between June and September are grown in blocks. Of course roses and dahlias are grown and used in enormous lots. Golden Glow, Coreopsis lanceolata, sunflowers, and all such stock works in splendidly for filling in on a large decoration where halls, piazzas, etc., are to be made presentable.

Sweet peas have had a great run, and while they have sold low, the market has kept fairly well cleaned up. The going price has been 25 cents a hundred wholesale, and 50 cents a hundred retail.

Our one great standby in the summer is the American Beauty rose and they have been coming especially good lately, the best go to customers at $6 a dozen. Orchids have been in short supply, good blooms of Cattleya gigas bringing $1.50 each if obtainable. Lily of the valley is in good supply and much used; the best brings $2.50 per bunch of twenty-five flowers. Auratum and speciosum lilies bring $3 and $2 per dozen respectively. Hollyhocks are offered in spikes for $5 a dozen and are of superb quality. There is a good supply of green stuff of all kinds.

Horticultural Society.

The Newport Horticultural Society has just closed perhaps the most successful year in its history, as there never has been a time when more interest has been manifested in its work, not only by its members but the public. Another matter that has brought the society into greater prominence, has been the decision of the members to hold the larger flower shows in the Newport Casino, which is the society center. The June show so held was a great success artistically and also financially and certainly brought the owners of our estates and their gardeners more closely in touch. Once let it become the thing for society to patronize our exhibitions and success for our shows is assured.

Various Notes.

For years our gardeners have devoted much time and care to the cultivation of hybrid tea roses, as they need roses of this class for the many house decorations they are constantly making. The new hybrid tea, Frau Karl Druschki, has proved itself perfectly hardy here and a perpetual bloomer. The flowers are large, perfectly formed, and open well. In color it is snow-white, with shell-shaped petals. The plant is strong and very vigorous; it is pronounced here by all who have seen it as an ideal white rose. Paul Volquardson, gardener to Mrs. William G. Weld, has been especially successful with it.

How true it is that the great beauty and easy cultivation of many of our hardy herbaceous perennials are very little appreciated. All the campanulas are of the easiest growth, and when taken care of make elegant, showy plants. A group of these bellflowers which was most attractive was shown at the recent exhibition by William G. Postings, gardener to Hon. Winthrop Chanler.

If nothing in the way of a severe storm occurs there will next month be one of the grandest lots of dahlias in bloom ever seen here since the dahlia craze has taken possession of us all. The improved cactus types are mostly grown, although all kinds are well represented. There is also much interest in growing seedlings.

Zero.

Pierre, S. D.—Enoe & Barney feel well pleased with the way business is opening for them. The field is a good one and the use of plants and flowers is constantly increasing. They contemplate an early addition to their glass area.

ASTERS in any quantity and all grades

Extra Fancy — Fancy — Common

$2.00 a 100 $1.00 to $1.50 a 100 $4.00 to $5.00 a 1000

Our cut of **BEAUTIES** is of especially fine quality and we can fill every order. **TEA ROSES** are improving in quality and we have plenty. **AURATUMS** are in big supply, fine and cheap. Splendid **GLADIOLI** for all purposes. **"GREEN GOODS"** as always.

Fancy Valley always on hand

DEPARTMENT OF MADE-UP WORK.

While trade is quiet and you do not wish to carry much stock you can rely on our Department of Made-Up Work. We are prepared to execute orders for any kind of funeral piece, from the cheapest to the most expensive. Usual trade discount allowed.

AMERICAN BEAUTY,	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	
	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Kaiserin	3.00 to 8.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Liberty	3.00 to 8.00
Carnations	1.50 to 2.00
Asters	1.00 to 2.00
" common..1000, $4.00-$5.00	
Valley	4.00
Auratums, per doz., $1.25 to $1.50	8.00 to 10.00
Easter Lilies.....per doz., 1.50	
Sweet Peas	.40 to .50
Gladioli	1.00 to 2.00
" fancy varieties	3.00 to 6.00
Shasta Daisies	.50 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze.....per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Leucothoe Sprays	.75
Smilax..... per doz., $1.50	10.00
Fancy Ferns.....per 1000, $1.00	.15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

We close at 5 p. m. during August. 32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. Chicago, Ill.

CHICAGO TO WASHINGTON.

Special Train Out of Detroit.

The Chicago delegation has arranged to join the Detroit Florists' Club and travel with them and the St. Louis Club, which will also meet at Detroit, via Buffalo and Philadelphia to Washington. The exact itinerary is as follows:

Leave Chicago, 11:00 p. m., Sunday night, August 13, via the Wabash Railroad.
Arrive Detroit, Monday morning, August 14, 7:55 a. m.
Leave Detroit, 12:15 noon of the same date, via Wabash Railroad, by special train.
Arrive Buffalo, 7:15 p. m., Monday night.
Leave Buffalo, 7:30 p. m., via the Lehigh Valley Railroad.
Arrive Philadelphia, 7:15 a. m.
Leave Philadelphia, 7:30 a. m.
Arrive Washington, 10:30 Tuesday forenoon.

All who are going with the Chicago party must get their tickets from P. J. Hauswirth, 227 Michigan avenue, Chicago. He can supply the tickets Saturday at his place of business and will be there also all day Sunday, August 13, and will be at the Polk street station one hour before the 11 p. m. train leaves Sunday night. These special tickets used by the Chicago delegation are solely in Mr. Hauswirth's hands and not for sale at the depot.

ROCKFORD, ILL.—Edwin Dempsey will open a flower store at 106 West street.

ROCKLEDGE, FLA.—A. Millar is starting in the trade, building a greenhouse 20x 120.

DIXON, ILL.—O. L. Baird will start August 15 for a trip to Portland and a visit to his parents, who live in southern California.

CHICAGO.

The Market.

The market has been decidedly quiet during the past week. The shipping demand, while fairly active as to the number of orders received, does not amount to much because each one's requirements are light. Local trade has counted for very little.

Supplies of stock have been more than adequate to the requirements, largely because of the deluge of asters. The aster season is now at its height, but a large part of the receipts are of such poor quality that they are almost unusable and are therefore very difficult to sell. Probably a majority of the asters received in the last week have sold at from 5 cents to 10 cents a bunch, and thousands of bunches have gone into the waste. At the same time strictly fancy asters have had a good market, as there are almost no good carnations, white being in especial demand. The outdoor carnations have suffered from the same cause which makes the asters poor, namely, too much rain.

The receipts of Beauties are on the increase and there are a number of growers who are now cutting very good stock for August. There are also increasing quantities of Brides and Bridesmaids, the young stock showing continued improvement in quality. The color of the Maids is good. Short Kaiserin are very plentiful.

There are again large receipts of Easter lilies. Auratums are a glut. So are gladioli. Tuberoses are equal to all demands. Rudbeckia Golden Glow is seen in all the store windows. Dahlias are becoming more numerous and "green goods" cheap enough so that the store men are providing a place for the flies to roost to save the plate glass.

Various Notes.

The indications are that there will be a good-sized party from Chicago for the convention trip. Everyone likes the idea of stopping in Detroit for a few hours and continuing from there in company with Detroit, St. Louis and others. P. J. Hauswirth, chairman of the transportation committee, reports thirty berths already reserved. Six members of the Poehlmann family are going, the three brothers and their wives. The train pulls out at 11 o'clock next Sunday evening.

E. G. Hill was in town one day last week, full of stories of the many things he saw on his recent tour of European trade centers. He was pleased to find the Richmond rose doing so well with all the local growers.

Weiland & Risch report a call already for young stock of Killarney rose for delivery next year.

J. A. Valentine, of Denver, was in town Tuesday on his way to Boston. He will, of course, be on hand at the convention, for he is one of the never-failing attendants and frequently is the man who has traveled farthest to be present. He is accompanied this year by B. S. Gillis, who has charge of the store.

Wm. Kyle, chief shipping clerk for the Kennicott Bros. Co., is at Colorado Springs, Colo., with his wife and child.

W. E. Lynch and family have returned from their outing at Fremont, Mich.

A. L. Randall is busy at his Michigan

WE ARE READY....

To **take better care** of our customers than ever, as we are now cutting heavy from our **New Crop of Roses,** which is **the best** to be found on the market. We are especially strong on

BRIDE, MAID, AMERICAN BEAUTY, CHATENAY, UNCLE JOHN, LIBERTY AND RICHMOND. CARNATIONS OF ALL THE LEADING VARIETIES IN SEASON.

In addition to the cut from our own large place, we shall have the product of several first-class Growers of Roses. And we shall have other new consignors who are growers of high-grade Carnations and other stock. We shall be in a position to give you the best the market affords at fair prices, and would like to add you to our list of satisfied customers. We can do it if you give us the opportunity. Write us about it. We make no charge for P. & D. on orders amounting to $4.00 and over.

J. A. BUDLONG, 37-39 Randolph St. CHICAGO.

Mention The Review when you write.

summer home, harvesting a fine crop of peaches.

Among those who will attend the convention are Fritz Bahr, H. N. Bruns and wife, and John F. Kidwell. N. J. Wietor will also go, Mrs. Wietor and the children visiting in Milwaukee during his absence.

J. A. Budlong has done a fine business with field-grown carnation plants. They had a big lot but could have sold many more, many orders having to be declined. They are cutting roses from young stock in quantity, their Maids having especially fine color.

Leonard Kill is devoting his spare time to amateur photography and is becoming an expert. The illustration on another page of this issue, showing a part of the Peter Reinberg range of glass, and including one of George Reinberg's sections, is from one of Mr. Kill's photographs.

At E. H. Hunt's they have had several busy days with a big importation of French chiffon, a large part of which had been sold prior to its arrival.

E. F. Winterson's mother, who is known and liked by many in the trade, is visiting relatives in Massachusetts.

The Kasting and Beatty bowling trophies were shipped to Washington last Friday. The boys will do what they can next week to re-establish their claim to them.

C. W. McKellar and wife are planning to attend the convention if the demands of business do not prevent.

Matt Mann is cutting a big crop of auratum lilies and Zech & Mann are handling a fine new crop of Beauties.

A recent visitor was W. T. Hamilton of Louisville, Ky.

Jacob Kraft, 1670 North Ashland avenue, was killed by a Northwestern train at Peterson avenue on Saturday. He was 71 years of age.

Fred Sperry, of Vaughan & Sperry, is at his old home in Pennsylvania for a week's visit.

Rudolph J. Mohr, who has been a member of W. J. Smyth's force for several months has bought the A. J. Fidler place at Racine, Wis. It consists of upwards of 20,000 feet of glass and Mr. Mohr has bought real estate, greenhouses and stock complete. He will do a general retail business and, as the town is a good one, has excellent prospects.

The Benthey-Coatsworth Co. is this week receiving a cut of the Benthey aster grown under glass. The outdoor crops will soon be along.

Geo. Reinberg stands by Liberty. He has had and is getting very good cuts.

Wietor Bros. have been holding a house of Morning Glory carnation which has been giving excellent flowers all along and only threw it out with regret for replanting.

E. F. Winterson Co. is handling Gladiolus America from Frank Banning. The retailers all like it. Word comes from New York that it was the flower used on the Mayflower for the luncheon at which President Roosevelt introduced the Russian and Japanese peace envoys.

Miss Martin, of the Lamborn store at Canton, O., is in town for a few days' visit.

E. C. Amling has been away for a part of the week on a business trip in the country.

Sinner Bros. are handling a large cut of good Easter lilies, the first they have ever grown.

KANSAS CITY.

The Market.

There is no appreciable change in the situation from the report of last week. Roses are showing up in better form but prices have remained the same. Carnations are hardly fit to handle and cannot be shipped any distance. Asters are looking better this year than for any previous year, sufficient rain having fallen to keep them in good growing condition. Nearly all the stores are doing enough business to keep things moving, although very little stock is kept on hand. The growers have nearly all filled their benches and what stock is planted is showing up well.

Various Notes.

A visit to A. F. Barbe's place is a lesson to the average grower as to how an up-to-date place should be conducted. His business being under his personal supervision, Mr. Barbe is enabled to keep things in first-class condition. Being situated close to a popular cemetery, his place is seldom without customers and consequently he keeps his houses in such shape that it is a pleasure to go through them. His stock so far planted is in fine condition and shows the effect of intelligent care.

Miss J. E. Murray and sister keep a fine stock on hand in spite of the hot weather and are getting their share of the business.

Another store which is an instance of intelligent management is that of Arthur Newell, on Twelfth street. Your correspondent remembers when Mr. Newell entered the business here and we have seen florists come and go, but by painstaking effort and square dealings his business has reached very gratifying proportions and has become one of the permanent fixtures of a progressive town.

Still another place that has gained a foothold upon the top of the ladder is that of Lawrence Schwager, Thirteenth and Grand streets. Opening a store in what was at that time an out of the way corner, failure was predicted for him, but the city is now moving in his direction and what many thought would be a losing venture has proven an unqualified success.

Louis W. Shouse, secretary of the company owning Convention Hall, will attend the Washington convention in the interest of the big flower show to be given in Convention Hall November 13 to 18. Kansas City proposes to again this year have the largest show of the season. The premium list carries $5,000 in "real money," payable to winners the last day of the show, without reference to gate receipts, but the attendance will be all right if the weather is halfway decent.

Ed Ellsworth, of Geo. M. Kellogg's, is on his vacation. Ed is one of our hustling young men and deserves his holiday.

A. Blankenfeld has one of the finest displays to be seen around any greenhouse in the city. Being upon a prominent car line, he has taken infinite pains to make his grounds a show place and has succeeded admirably.

W. H. Humfeld is getting his houses in tip-top shape and his stock is looking fine. Having two places Mr. Hum-

"KNOW HOW"

Somebody says the road to hell is paved with good intentions. That's the cheapest kind of pavement, also the poorest.

The road that hundreds of good florists have and are coming successward on is the "Know How" road; the Weiland & Risch way. The Best Flowers, the Best Service, the Fairest Prices.

Weiland & Risch,

Leading Western Growers and Shippers of Cut Flowers,

61 Wabash Ave., CHICAGO.

Long Distance 'Phone Central 879.

	Per Doz.
AMERICAN BEAUTIES—	
36-inch stems	$3.00
30 " "	2.50
24 " "	2.00
18 " "	1.50
12 " "	1.00
Short "	.60
ROSES—	Per 100.
Maids	$2.00 to $5.00
Brides	2.00 to 5.00
Killarney	4.00 to 8.00
Liberty	3.00 to 6.00
Golden Gate	3.00 to 6.00
Chatenay	3.00 to 6.00
CARNATIONS—	
Fair Stock	1.50 to 2.00
MISCELLANEOUS STOCK—	
Valley	3.00 to 4.00
Auratum Lilies	12.00 to 15.00
Easter Lilies	12.00 to 15.00
Asters	.50 to 2.00
Sweet Peas	.50
Daisies	.50 to 1.00
Gladiolus	2.00 to 4.00
Tuberoses	5.00 to 6.00
DECORATIVE—	
Ferns	.15
Sprengeri	2.00 to 4.00
Asparagus Strings	25.00 to 50.00
Galax	.15
Smilax	10.00 to 12.00

Subject to change without notice.

Mention The Review when you write.

feld is kept busy looking after both, but seems to be able to keep each in good condition. NARCISSUS.

BUFFALO.

Copious rains at frequent intervals have kept our part of the country fresh and blooming. Sunday afternoon there was a shower that lasted four hours.

Carnation planting has been going on since July 1 and the largest growers are about all housed.

Werick Bros., of Pine Ridge, have let the contract for eight houses, each 26x 125, designed entirely for carnations. The King Construction Co., of Tonawanda, has the contract.

A prominent citizen gave a dinner for Vice-President Fairbanks during his short sojourn in our city last week. American Beauties were the decorations.

Corfu Notes.

Harry Fishel has given up the lease of the Edwards greenhouses in the village of Corfu and is now in the employ of the Wm. Scott Co. Otto Wolff has resigned from the latter firm and has leased the Tyrrell greenhouses in that village.

Wm. Ehmann has 40,000 mums planted that ought to cut some figure in our local market.

David J. Scott, with his young wife, has been taking a week's camping and fishing on the head waters of the Genesee river and "the old man" came out in his absence to run things. Have not yet heard of the weight of the fish, but hope the experience was a second honeymoon.

Charles Sandiford, our prince of good gardeners, left some weeks ago for a short visit to his old country, England, but expects to meet us all in Washington. We hope so, for Charlie has developed into a George Asmus or J. A. Shaw with the sphere.

We see that the Chicago and Detroit delegations pass through Buffalo next Monday. If there would be room for half a dozen more on their train Mr. Somebody, of Detroit, could wire our Mr. Kasting and we would promise to be good on the road. W. S.

CHARLEVOIX, MICH.—Among the visitors here is C. W. Ward, of the Cottage Gardens, Queens, N. Y.

NEW YORK.

The Market.

With such hot weather as we are having, what kind of a market can there be? Even its dullness is restful. Everybody is loaded with gladioli and asters, the former selling from 50 cents to $2 per hundred, for America, and asters from half a cent (think of it!) up to 10 cents a bunch. A few good roses arrive and go quickly. The top seems to be $4 per hundred for Brides and Maids. Orchids and valley are scarce and high. The man who has valley every day in the year now has his innings and he deserves it. Sweet peas do not pay for picking. It is the same old story every August, with this year about the worst on record. If it isn't it makes us feel better to call it so. In two or three weeks the clouds will lift and we will forget dull care ever existed and go right on booming things as usual.

Various Notes.

The folks in the wholesale section are either going away for their annual vacations, or coming home. Young men and maidens, old men and children, all are having a whirl. Most of the boys go to the mountains. Some are at the shore resorts. To particularize would list the entire fraternity.

Mr. Bernhard, bookkeeper for the Clucas & Boddington Co., is just back from Europe after a happy visit with his parents there.

Wm. C. Duncan, manager of the Cut Flower Exchange, Coogan building, will be married on Thursday of this week.

It is hard to find any one not going to the convention, and most of them are going on the special at 10:55 a. m. Monday, via the Pennsylvania railroad. The officials guarantee a special train for 100 and over that number is now a certainty. Every day adds to the acceptances and the committee asks that those who have not sent their names and intend to join the throng telegraph Secretary Young not later than Saturday afternoon of their decision so that the caterer general, Mr. Nugent, may provide amply for all.

Most of the wholesale stores have the danger signal up these days and, while paint is everywhere, all the stores are looking neat and prim. The gold trimmings will come a little later. Everybody seems to be counting on a big year and preparing for it. Some are already making their missionary calls upon their own and the other fellow's growers. The bidding for opportunity will be large this year, as several new and young and vigorous wholesalers are in the field. Fortunately the big city is growing tremendously and in the universal prosperity there is room for all.

The Ford brothers are on deck again after their three weeks' outing. Michael Ford graced the board walk and the ocean at Atlantic City.

It is President Traendly's turn next week and his breathing spell begins at Washington, his partner having come back to civilization and the strenuous life, well colored by his country experience.

Joe Fenrich and his bride are still honeymooning on Long Island.

Nicholas Lecakes and his wife will make a southern trip next week, visiting his sources of galax supply.

On Thursday of this week the big floral carnival at Red Bank, N. J., takes place. Our old friend, Nicholas Butterbach, is one of the judges. His handiwork in decorative art as illustrated on the beautiful estate where he is superintendent, is a sufficient attestation as to his fitness for criticism in any line of floral skill.

A visit to Wm. Turner's home and the magnificent place in his charge was a revelation. To accomplish the finished and perfect result here seen in less than five years seems little short of a miracle.

One familiar face will be missed at the convention. Patrick O'Mara left on Monday for Portland, Ore. Miss O'Mara accompanied him. He goes via the Canadian Pacific and through Winnipeg, returning via San Francisco and Denver, a trip long contemplated and one that will furnish food intellectual for his brother clubites during the coming winter.

The bowling team of New Yorkers will be selected on the special Monday. So many experts are going there will be no difficulty in picking five invincibles. Next year the New York Florists' Club will have a bowling club of its own. Buttons seem to be the popular badge this year. New York will have one for all the club members.

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Long	$4.00
Fair length	$2.00 to 3.00
	Per 100
Brides	$3.00 to $5.00
Bridesmaids	3.00 to 5.00
Liberty	3.00 to 7.00
Kaiserin	3.00 to 7.00
Golden Gate	3.00 to 5.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Gladioli, common	1.50
" light colors	2.00 to 3.00
Auratum Lilies...doz., $1.00-$1.50	
Album and Rubrum Lilies, per doz., $1.00	6.00
Valley, our specialty, best	4.00
Daisies	.75 to 1.00
Smilax.....per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string, 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns ....per 1000, $1.50	.20

Subject to change without notice.

Packing and delivery at cost.

Mention The Review when you write.

Thos. Miller, of Walter Sheridan's, has found a new lease of life in the mountains and is back at the old stand in excellent health.

Bertanzel, of Great Neck, has left the ranks of private gardeners for the responsibilities and anxieties of the grower and is building three greenhouses 25x300 at Roslyn, L. I.

Schloss Bros. will have a fine ribbon exhibit at Washington. Both the brothers, as usual.

Julius Rochrs, Sr., has been reported seriously ill. Many of the families in the trade have one or more members of their household sick. Those who attended the club's outing will be sorry to know that the young lady who injured her knee in the running races is still unable to put her foot to the ground and has been confined to her bed ever since the accident occurred.

Reed & Keller have a new frame for a floral design. It is a broken fluted column seven feet high, with massive anchor and chain, perfectly carried out in every detail. They will show it at the convention. J. Austin Shaw.

PHILADELPHIA.

The Market.

The market has been in rather poor shape, asters being overdone, the poorer grades finding an outlet in the streets at wretched prices. The better grades have been affected, but with the addition of Semple's it is expected a better demand will be created. Gladioli have also suffered. In fact the market generally is weak, Beauties being an exception. There is a fair supply of home-grown in addition to the out-of-town stock, for all of which there is a demand. The Japanese hydrangea has made its appearance, the early blooms bringing pretty fair prices. Greens, especially asparagus, are selling a little better.

The Washington Convention.

The members of the Philadelphia Florists' Club and their friends will leave Broad street station on Tuesday, August 15, at 8:32 a. m. All delegates who can make it convenient to join the party will be heartily welcome. Round trip tickets

BEAUTIES and ROSES

Also Auratum Lilies and all stock in season.

We have a fine crop on of Beauties, Tea Roses and Auratums—quality not to be beat in this market. We want **your** business and we shall treat you so well on **every** order that if you begin now you will stay with us right through the season.

LET US HEAR FROM YOU.

ZECH & MANN, 51 WABASH AVE., CHICAGO.

Mention The Review when you write.

cost $6. Open house will be kept at the club in Horticultural hall, Broad street below Locust, Monday afternoon and evening, August 14, to receive delegates passing through the city.

Where Is It.

Visitors stopping over in Philadelphia may find the following brief table of use:

Atlantic City.—Train from Broad street station or from Camden via ferry at foot of Market or Chestnut streets.

C. D. Ball's.—Train from Broad street station to Holmesburg Junction.

H. Bayersdorfer & Co.—Trolley on Market street east to Fourth street, then half a block north.

H. A. Dreer.—Train from Camden via Market street ferry to Riverton.

Girard College.—Trolley north on Sixteenth street to Girard avenue, west on Girard avenue to college.

Joseph Heacock.—Train from Reading Terminal to Jenkintown.

Horticultural hall, Fairmount park.—Take Lancaster avenue cars west on Market street to terminus at Elm and Belmont avenues.

Horticultural hall, city.—Walk south two and one-half blocks on Broad street.

M. Rice & Co.—Walk two blocks north on Broad street, then one and one-half blocks east on Race street.

W. J. Baker, E. Bernheimer, Philadelphia Cut Flower Co., S. S. Pennock, Edward Reid.—Start opposite Arcade building, then west one block.

Berger Bros., The Flower Market, The Leo Niessen Co.—Walk one block east on Filbert street, then one block north.

Robert Craig & Son.—Take Sixty-third and Market street trolley west on Market street to Forty-ninth street.

William K. Harris.—Take Chester avenue car west on Walnut street to Belmont cricket grounds, then walk several blocks southwest.

The Light Under a Bushel.

It is recognized all over the States that the district lying adjacent to the Delaware and Schuylkill, near where the waters of the rivers unite, stands at the very pinnacle of horticultural fame. There are located the great supply houses that distribute their manufactures and imports all over the country. There may be found the great plant factories, whose palms are the standard of excellence in every part of this country. There are the great commission houses that have improved and centralized the entire product of six counties, to say nothing of points outside, and distributed that product to an ever increasing market. There too, may be found the places of the cut flower growers whose Beauties, and carnations, and valley, and teas, and violets, and dahlias have made them famous in far distant towns.

But it is of none of these industries that I wish to speak today, but of one less lauded but none the less important, an industry without which none of the others could have achieved their present proportions, or could even have existed. What use could we have for crepe paper, pot covers, plant stands, jardinieres or screens if we had no pots? How could we manage our palm growing places without pots?

How could our commission houses get good stock or how could our growers produce it unaided by pots? Yet how little thought is given to the knowledge, enterprise and sagacity required to develop this industry. There was a time, not so many years gone by, when the florists placed their orders in the fall for the pots they would need in the spring. Later orders were filled in rotation as received, often necessitating vexatious delays during the busy season. Now all this is changed and through the enterprise of J. G. Whilldin and of the Keller Brothers, pots and pans in all sizes are manufactured and stored ready for instant shipment. The florist of today does

Carnation Plants

The United States Cut Flower Co.

ELMIRA, N. Y.

Have a selection of fine high-land-grown stock, free from rust, stem-rot or any other disease, in the varieties named, which they are quoting at the following prices:

Enchantress	$7.00 per 100	Indianapolis	$4.50 per 100
Lawson	6.00 "	Nelson	4.50 "
White Cloud	5.00 "	Joost	4.00 "
Glacier	4.50 "	Guardian Angel	4.00 "
Prosperity	5.00 "	Crocker	4.00 "

STOCK LIMITED. PLACE ORDERS EARLY.

Mention The Review when you write.

Every Delegate

to the convention of the Society of American Florists to be held in Washington August 15 and following days is cordially invited to stop over in Philadelphia and see our superb stock of

Novel and Standard Supplies

We have never had so fine an assortment. No one else has ever had anything to compare with it.

Give us the pleasure of a visit from you.

H. Bayersdorfer & Co.

The Florists' Supply House of America

50-52-54-56 N. 4th St. PHILADELPHIA

Mention The Review when you write.

not have to place his order six months ahead. He simply looks over his houses today, decides to shift a certain block of plants, and sends his order to Wharton street or to Norristown, as the case may be, confident that he will receive the desired size with dispatch.

Am I not right in thinking that the pottery industry has been hidden like the light under a bushel? That much credit is due makers who promptly deliver big orders within a radius of something like ten miles, or as promptly ship equally big orders with safety to more distant points.

Various Notes.

Edwin Lonsdale read a good paper on the club's history from 1885 to 1895 before the August meeting of the Florists' Club. It will be printed with the by-laws.

Oglesby B. Paul, landscape gardener at Fairmount park, will address the convention of the S. A. F. next Thursday evening on "The ideal country home for the man with a long head and a short purse."

Edward Reid is receiving fine Beauties, asters and valley.

Joseph Heacock is experiencing an encouraging demand for his fine kentias. The large sizes are especial favorites with the buyers who are quick to recognize extra fine specimens.

Samuel S. Pennock is going to the convention.

J. N. King, the well-known florist of Norristown, is now coroner of Montgomery county.

Charles E. Meehan is going to the convention.

A meeting of the creditors of Joseph Kift & Son was held on Monday at 1416 South Penn square. No settlement could be reached. A sale in bankruptcy was ordered for August 22. It is possible that a settlement may be effected before that time.

The Flower Market did an exceptionally good July business, the sales for that month more than equaling those of July and August, 1904, combined.

The Leo Niessen Co. is receiving fine Sunrise roses from Myers & Samtman.

Fred J. Michell is going to the convention.

Eugene Bernheimer is receiving some outdoor grown carnations.

M. Rice & Co.'s new catalogue is out. The cover is beautifully designed and rich in color. The novelties are described in the opening pages, the staples and standard supplies being further back. All are clearly illustrated. Among the former are lantern globes of silk fiber in colors and rose bowls of the same material with enameled pans inside.

Leo Niessen is going to Washington.

Herbert G. Tull is enjoying the cool breezes of Eaglesmere.

Paul Berkowitz is going to Washington.

The annual report of the Flower Market for the year ending June 30 is excellent. The stall rents will be advanced from $60 to $75 a year in October.

The Summer Florist.

By an Unknown.

Under a shady hill they sat;
He held her hand, she held his hat;
I held my breath and lay quite flat.
They kissed—I saw them do it!

He held that kissing was no crime;
She held her head up every time;
I held my peace, and wrote this rhyme.
They never knew I knew it.

PHIL.

At a recent meeting of the Florists' Club of Philadelphia, it was on motion decided to invite all members of the S. A. F. on their way to the convention to be held at Washington, D. C., who can conveniently do so, to stop off at Philadelphia and call at the club rooms, Broad street, above Spruce, where the glad hand and refreshments will be cordially extended.

EDWIN LONSDALE, Sec'y.

SMITH'S Chrysanthemum Manual sent by the REVIEW on receipt of 25c.

Vegetable Forcing.

TOMATOES.

Considerable diversity of opinion exists regarding the advantages and disadvantages of the different methods of training tomato plants. Some believe in three stems, while others contend that the single stem method is better. On the whole I believe that more fruit can be produced per foot of bench space from single-stem plants as a general rule. A great deal undoubtedly depends upon the house in which the plants are grown. If the house is first-class in every way, so that plenty of light can reach the plants on every side, there is no great difference in results, but otherwise the single stem has the advantage. Each individual plant having its individual space, the distribution of light is more uniform. With the three stems more or less crowding is hard to avoid. Of course, the single-stem system entails the raising of more than double the number of plants, but when the plants are raised at home this does not count for much extra outlay.

Before planting it must be decided which method of training is to be followed, so that the plants can be set accordingly. For single-stem plants about two and one-half feet of bench space should be allowed to each plant and for three-stem plants four and one-half feet will be about right.

With either of the systems it is necessary to confine the roots to a certain extent, so as to check the growth sufficiently to promote early setting and ripening of the fruit, but care must be exercised not to lessen the vigor of the plants more than is necessary. Where raised benches are employed the problem of confining the roots is already solved, as long as the soil is no more than eight inches deep and the plants are set at the proper distance, but where solid beds are employed or the plants set on the floor level, some means should be adopted to prevent the plants from having too much room to ramble or rankness of growth may result. This applies more to the single-stem plants than to those with three stems. The extra drain on them, having so much more foliage to support, helps to balance the growth, so that there is less danger of grossness.

In setting, the plants should be set well down to do away with as much bare stem as possible. They will throw out new roots from the stem as far up as it is covered with soil. At first water around the plants only, but give sufficient to make sure that it reaches the bottom of the ball. Later increase the radius of the water, according as the roots reach the surrounding soil. It is well to see that the ball of earth containing the roots is not too dry before the plants are set in the bench, for if dry they are apt to remain in this condition, the water passing off through the looser soil instead of penetrating the hard, dry mass. If the plants are to be grown to three stems, two side shoots should be taken away as near the bottom of the stem and as nearly opposite one another as possible, all other shoots and all lateral growths being pinched off as they appear.

For single-stem plants all that is necessary is to keep all side growths off and concentrate all the strength of the plant into the one stem. We have sometimes found it necessary to prune off part of the foliage to somewhat check the growth when the plants showed too much vigor, but with the root space properly balanced this should not be necessary. After the plants have a good hold in their new quarters and are well under way they may appear rather vigorous, but according as they attain size and begin to set fruit the rapidity of growth will naturally decline and it will be found that no pruning of foliage will be needed.

W. S. Croydon.



Skinner Patented Sprinkler in Cucumber House of Miller Bros.

PROGRESSIVE GROWERS.

The progressive firm of Miller Bros., Toledo, O., has probably one of the most up-to-date vegetable forcing plants in the state. The houses, which are of the Dietsch short-roof style, have been up but about a year, and are excellent examples of modern greenhouse building. There is one solid bed in each house, with a walk on each side. The sides of the beds, which are low, are made of cement. The Yarian system of heating is employed, and has given them great satisfaction during the past year. Everything about this place is the best that money can buy, and all the houses are equipped with the C. W. Skinner patented system of watering. In putting in this system they have adopted some new features that it will be well for others to pattern after. One line is used to each house and is supported as shown, in one of the accompanying illustrations, by a single wire attached to the ridge and fastened to a japanned ring, through which the pipe is run. Their main leads across the houses at the center, with the sprinkling lines leading from each side. The other illustration shows how this is done, and also shows the combined union tee and strainer as is used with this system.

This firm not only finds that the Skinner system saves them much labor in applying the water, but state that the cucumbers so watered show a marked improvement over the hose watered houses.

Geo. Bayer, of Toledo, has also installed this system and expects good results with his chrysanthemums, which are in the houses so equipped.

Visitors to Washington next week desiring to see the Skinner system in operation can do so at the grounds of the Department of Agriculture, or at H. A. Dreer's, at Riverton, N. J., or at the Cottage Gardens, Queens, N. Y.



Showing the Piping, Valves and Swivel Handles of Skinner System.

In Greenhouse Use the SKINNER SYSTEM



Skinner System in Greenhouses of S. B. Chester, near Cleveland, O.

is as far in advance as it is in the field; so far, indeed, that many have refused to accept it, and have said that after they have seen it tried it will be time enough for them to put it in. These "doubting Thomases" need wait no longer as the

System Has Been so Thoroughly Tested

in so many different places that its success is assured. It has been found to be not only a success in the vegetable house, but in the florists' establishments as well.

Not only can a house be thoroughly and uniformly watered without any labor, but all plants have a more vigorous and healthy growth. Then, too, a house can be dampened the entire length alike almost instantly. Also, in smoking the houses, by spraying at the same time the smoke is cooled and settles to the ground. This not only prevents the smoke from injuring the most delicate plant, but makes it much more effective.

Just think of it! You who paddle around in the water all day with a hose, with this system and a small and inexpensive gasoline pumping outfit, you can apply 2,000 gallons of water an hour, and be at work in the dry, doing something else at the same time.

Then, too, you have no hose to rot out, as this system once put in is good for a lifetime, and not only that, but the increased value of your crops will each year equal the cost of putting in the system.

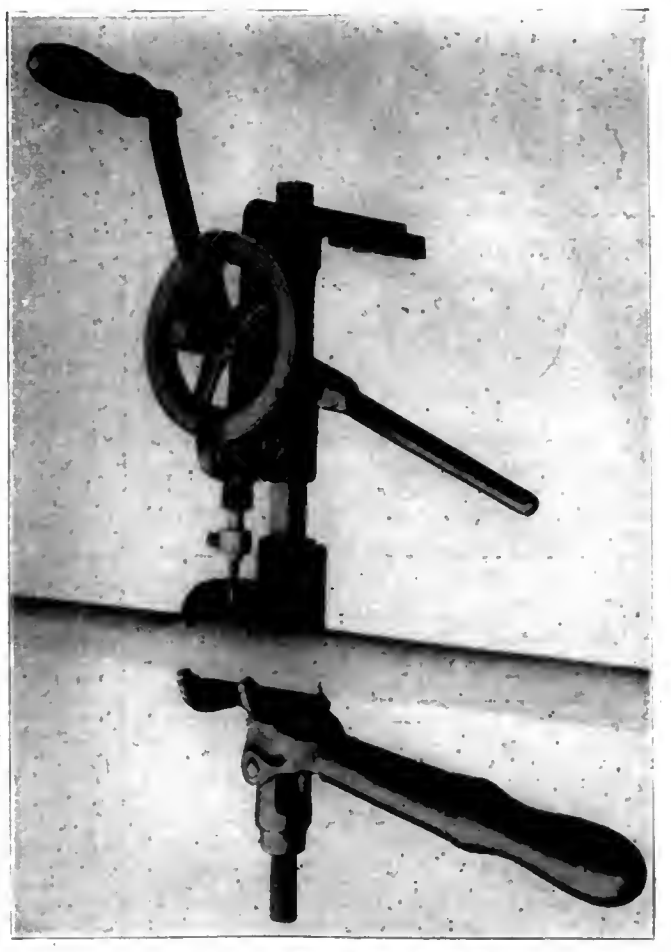
Now is the time to install this system, so as to have it in readiness for the fall crops. You will be surprised to see how easy it is to install and you will wonder how you were able to get along without it.

To all who are now paying from 10c to 20c per 1000 gallons for water, you need do so no longer. Our pumping outfits are not expensive, are easy to operate and will give you a water supply equal to the best city systems. With them your water cost will not be over 2c per 1000 gallons. In this new and improved outfit the pump can be cut out in a few seconds and the engine used for other purposes.

I will always be pleased to hear from anyone interested, even if you are not expecting to make any change at this time. Let me hear how you are situated. It will cost nothing to get an estimate on your plant.

Growers of Chicago and vicinity can get estimates of the system put up complete, and will also be shown the system in operation, by calling on the greenhouse builders

WINANDY BROS., 3727 N. Lincoln St., CHICAGO



DRILLING MACHINE.

C. W. SKINNER, Patentee, Troy, Ohio

CLEVELAND.

The Club Outing.

Giessen's garden, opposite Riverside cemetery, was the place chosen to hold the annual outing of the Cleveland Florists' Club. A merry crowd gathered there on August 2. It was too bad more did not come. Those who staid at home missed lots of fun. The cake walk and fat men's race created more amusement than a cage full of monkeys. In the bowling contests the prizes were hotly contested, especially among the fair sex. Many a wry face could be seen when the ball rolled down the gutter. In the bowling an umbrella was won by A. L. Brown; box of cigars, by Isaac Kennedy; bottle, by W. P. Griffin; another bottle, by A. E. Hart, and a mustache cup, by Fred Whitthune.

By the lady bowlers an imported veil was won by Mrs. Fred Ponting; a bottle of cologne, by Mrs. C. H. Wilson; a bottle of perfume, by Mrs. W. P. Griffin; Japanese picture, by Miss Bessie Kennedy; a bolt of ribbon, by Mrs. A. L. Brown; cream pitcher, by Mrs. H. A. Hart.

The booby prize was also won by Mrs. Hart.

A bottle of "Scotch" was won by Gordon Gray for being the best-looking man on the grounds, decided by the ladies' vote. An automobile veil was won by Mrs. B. Hart for being the best-looking lady on the ground, decided by the men.

The running race for young ladies was won by Miss Evelyn Kennedy. The running race for ladies 25 years and over was won by Mrs. A. L. Brown. The race for girls under 14 was won by Miss Whitthune. The cake walk was won by Mrs. Brown and her partner, Wm. Henry Kunz.

The fat men's race was won by H. Brainard. In this race "Billy" Stadie did not think he got a fair show and challenged the rest of the fat men to a race and beat them all.

Mr. and Mrs. M. Bloy are visiting in Buffalo.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By young man, 23; 5½ years of general greenhouse work; good references. Address No. **89**, care Florists' Review, Chicago.

SITUATION WANTED — By a general greenhouse man, who can grow a general line of plants; private or commercial; life experience; first-class reference; state full particulars in first letter. Address E. F., 24 State St., Newburyport, Mass.

SITUATION WANTED — By a good practical florist; 12 years' experience in the general line; private or commercial place; single; 28 years old; state wages. Address No. **86**, care Florists' Review, Chicago.

SITUATION WANTED—Practical gardener and florist, German, middle-age, unmarried, wishes steady position; would prefer taking charge of gentleman's or institution grounds; excellent references; state full particulars; willing to wait for engagement if wanted. Address Gardener, 303 Convent Street, St. Louis. Mo.

SITUATION WANTED—By a first-class grower of roses and carnations or general stock; able to take charge; can furnish the highest references from the leading wholesale firms around Chicago; married, small family; Chicago or west preferred. Address No. **83**, care Florists' Review, Chicago.

SITUATION WANTED—As grower; 9 years' experience in roses, carnations and general stock; first-class references. Florist, 612 Madison St., Jefferson City, Mo.

SITUATION WANTED—By a German, 28 years of age; 14 years' experience; had foreman position in carnations, bulbs, imported plants, cut flowers and general stock in 124,000 square feet glass; sober man with best references in Germany, England and United States. Please address to Von Krauernburg-Wittgenstein, Philadelphia Flower Market, 1235 Filbert street, Philadelphia, Pa.

WANTED—General greenhouse waterer. Apply The McGregor Bros. Co., Springfield, O.

WANTED — Young man as assistant; give references and wages expected with board and room. J. Sanstrom, Momence, Ill.

WANTED — At once, man of experience in general greenhouse work and landscaping. Address Idle-Hour Nurseries, Macon, Ga.

WANTED—A rose grower and a carnation grower for the west; must be first-class men. Address No. **76**, care Florists' Review, Chicago.

WANTED—At once, two men for general greenhouse work; must be sober and industrious; permanent positions for steady men. Address No. **85**, care Florists' Review, Chicago.

WANTED—A competent rose and a carnation grower with four or five years' experience; good wages paid for right men. Clinton Falls Nursery Co., Owatonna, Minn.

WANTED — A successful rose propagator as assistant; first-class references required; young married man preferred; good chance for advancement for right man who is not afraid to work. Chase Rose Co., Riverside, Cal.

WANTED—Young man well up in the retail business, both in greenhouse and store; state wages with room and board and give references and experience in first letter. Address No. **87**, care Florists' Review, Chicago.

WANTED—Assistant florist, young man who understands palms, ferns and propagating bedding stock; steady place for right man; $35.00 per month and board; must be a sober man. Address No. **84**, care Florists' Review, Chicago.

WANTED — Capable man to take charge of growing carnations, chrysanthemums, roses and general cut stock; business and equipment entirely new; good position for right party; must be able to produce best stock; must be of temperate habits and of good character; state salary expected; especial good chance for young man desiring advancement. Address The Calla Cut Flower Co., Calla, Ohio.

WANTED—I have an established trade that calls for more and better stock than my present glass can supply and I want a good all-round grower to take a financial interest in the business so that it can be enlarged to meet the requirements. The greenhouses are located in a thriving town of 13,000 and there was never a better opportunity for a live, energetic grower than this. If you are interested write me and I will give particulars. Address No, **88**, care Florists' Review, Chicago.

FOR RENT—My store and greenhouse; well stocked with decorative plants and florists' supplies; established 1885. Address The Flower Store, 1740 Main St., Jacksonville, Fla.

FREE RENT—For 1 year, to keep in repairs, 5000 feet glass in a good factory town; no competition; don't miss this. J. R. Johnston, Dunkirk, Ind.

FOR RENT—A well-established plant of 13,000 feet of glass, planted to cut flowers and general stock; owner will leave for Europe Oct. 1; a grand opportunity for a responsible man with privilege to buy. Address No. **81**, care Florists' Review, Chicago.

FOR RENT—At Frederick, Md., greenhouses, 18x63, 12x102, 20x162; boiler room, 18x60, equipped with a No. 8 Furman boiler and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure; labor cheap. city water; no stock on hand; rent $300 per annum, half payable in advance every six months; ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Henry Trail. Frederick, Md.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

FOR SALE OR RENT — Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE—Boiler tubes, 3½-inch, 8c per foot. Nemaha Greenhouses, Seneca, Kan.

FOR SALE—Glass, 8x10 inches, $2.00 per 100; $15.00 per 1000. Batavia Greenhouses, Batavia, Ill.

FOR SALE—5000 ft. glass, good trade; good house and barn; fine grounds, five or more lots; in a natural gas city of 15,000; this is a snap. Address A. L. Harmon, Iola, Kan.

FOR SALE—Six greenhouses, two acres of land, and general stock of plants and 7000 carnation plants in field; must be sold before the 30th of August. Address P. O. Box 452, Clyde, Ohio.

FOR SALE—One 12 H. P. upright tubular boiler, price, $70; one hot water steel boiler, upright, return flue, magazine feed. hard coal or coke, price, $60; both in good repair. Llewelyn, Florist, Olean, N. Y.

FOR SALE—One marine boiler, 44 return flues; cost $550.00, a snap for $10 .00 cash f. o. b.; also one small Weatherhead, suitable for propagating or small house; $25.00 takes it. Cottage Greenhouses, Litchfield, Ill.

FOR SALE—Owing to the death of the proprietor, the greenhouses and stock of the Lake Geneva Floral Co., established in 1890, are offered for sale; a good opening for a practical man. W. H. Hammersley, Lake Geneva, Wis.

FOR SALE—A Kieley Champion return steam-trap for returning condensation of 6000 to 8000 feet of 1-inch pipe to boiler; good as new; want to put in larger; cash price, $50; cost, $75. George H. Benedict, Yorkville, N. Y.

FOR SALE—In a city of 15,000, two greenhouses, 40x20 and 14x90 ft.; well stocked with a variety of plants; also 10-room residence with 90-foot front; prospects fine. Address Kenwood Greenhouses, 1006 15th St., Enid, Okla.

FOR SALE — Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—20,000 Excelsior carnation supports, used one season, 14 in. long, $6.50 per 1000; 21 in. long, $7.00 per 1000; horizontal tubular hot water boiler, used but a short time, will heat 8000 sq. ft. glass; f. o. b. St. Louis. $75.00. James W. Dunford, Clayton, Mo.

FOR SALE—Lord & Burnham ventilating apparatus for half price; suitable for a 50-foot house or under; complete except shaft; 12 hangers; rods and arms for 1-inch shaft; gearwheel, worm and yoke; 6 bearers; hand wheel and connecting rod with stand; good as new; price $7.50. Wm. L. Puffer, Brockton, Mass.

FOR SALE — On account of old age and bad health, I wish to sell my greenhouses and gardens; 21 acres of land, 6,000 feet glass; latest improvements and modern in every respect; stocked with flowers and shrubberies; 3 residences, stables and out-buildings of all kinds necessary; will lease or give a good man with some capital an interest; must be up-to-date and capable to manage the business. Address P. O. Box 154, Memphis, Tenn.

FOR SALE—The Alameda Greenhouses, Roswell, N. M.; a good florists' business in a western city of 8000; well established trade and prospects for future bright; 300 miles from any other greenhouse; 9-room dwelling, barn. artesian well; hydraulic ram pumps water to 2 large tanks; 5000 feet of glass; water heat; 9 lots, 50x160 each; have a good catalogue business; will sell for $12,000 cash; don't write unless you mean business. Mrs. J. P. Church, Roswell, New Mexico.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 10,000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE CHEAP

HOTBED SASH—250 new sash, 3x6 feet, clear cypress, glazed with 12x14 double strength A glass; painted three coats white lead and linseed oil; just bought, cost us $3.75 complete; for sale at $2.25 apiece; 25 or more at $2.00; warranted all brand new, never used. Also 50 boxes 12x22 single A glass, never unpacked, at $1.50 per box while it lasts. **CASH.**

CLIFTON HILL FLORAL CO., Omaha, Neb.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review, Chicago.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

VISITED CHICAGO.—R. H. Shumway, Rockford, Ill.

FRED MEYER, of the New Ulm Seed Co., New Ulm, Minn., is on a wedding trip to Europe.

CONSIDERABLE quantities of freesia bulbs grown in the Azores have reached this country, some of them injured by heating.

THE blight that did so much damage to the cucumber crop two years ago has again made its appearance. How extensive its inroads may be, or how much it will affect the seed crop, will likely develop within the next two weeks.

THE stock and good will of the well known Surrey Seed Co., Redhill, England, which became involved in financial difficulties, has been sold to a new concern, the Bedfordshire Seed Co.

CHICAGO.—Summer trade with the houses supplying seeds to market gardeners is far above the average. Beans, turnip, spinach and all other seeds for summer planting have been in brisk demand.

AN English steamship company has made a gratuitous distribution of Bermuda grown onions to all the principal hotels and restaurants in London, for the purpose of widening their use and adding to the quantity carried.

A PROMINENT western seedsman says he can get no satisfactory information as to the probable outcome of the seed crops from those with whom he has contracts, but that he gets plenty of offers at attractive prices from growers with whom he has no contracts.

A LEADING Chicago seedsman catering to the market gardening trade says that in his judgment there is no limit to the possible development of the vegetable forcing industry. He believes that, except possibly for leaf lettuce, the large receipts of southern outdoor vegetables is not a serious menace, as the quality of general indoor crops is so much superior.

A MAN who had made quite a success in another line recently started out to market a weed puller. He spent close to $1,000 a month in the general publications but found they didn't pull. Next season he will ask seedsmen to catalogue his device. Incidentally it is worthy of note that the Saturday Evening Post paid for a time, which was more than any other medium did.

IT is reported that the E. J. Bowen seed business in San Francisco will shortly be closed up and that C. C. Morse & Co. will take over their Pacific coast general seed business, independent of the commission box trade. They will issue a general catalogue and solicit what business there may be, confining operations to the coast and continuing growing as before. Headquarters will be removed from Santa Clara to San Francisco about January 1.

IMMORTELLES Dyed and Natural
Season 1905-1906
HERMITTE, LEMOYNE & CO.
Dealers and Dyers of Immortelles at Ollioules, (Var), France
inform their customers that by reason of the abundant crop of this year they are able to offer Immortelles, dyed and natural, in first choice, at prices much lower than those of last year. Samples and price list will be sent free on application. Telegraphic address, Lemoyne, Ollioules.
Mention The Review when you write.

HENRY METTE
QUEDLINBURG, GERMANY
Grower and Exporter of Choice
Beet, Vegetable and Flower Seed
PANSIES
Mette's "Triumph of the Giants," the most perfect and most beautiful in the world, $5.00 per oz., $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with Order.

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

ROSES Novelties Forcing and Bedding varieties. Field-grown, strong and healthy.
PETER LAMBERT, Trier, Germany.
Mention The Review when you write.

CYCLAMEN Weigelt's Gigantic-Bloomed cultures, unexcelled in form and fertility. NEW CROP WARRANTED.
4001, brilliant pink-carmine; 4002, glowing red; 4003, deep-dark red, 4004, brilliant pink; 4005, snow white; 4006, lilac colored; 4007, white with eye. Each shade, 100 seeds, 40c; 1000 seeds, $3.50; 10,000 seeds, $25.00. Splendid mixture of above kinds: 100 seeds, 30c; 1000 seeds, $2.50; 10 000 seeds, $23.75.
EXHIBITION FLOWERS
No. 605—Harvested exclusively from select, finely fringed elite flowers, brilliantly shaded, the best cyclamen of the world, 1 pkg., 25c; 100 seeds, $1.00; 1000 seeds, $8.75.
SALMONEUM
6016—Novelty of the first rank; salmon-pink to scarlet, considerably improved by us, 100 seeds, $1.00; 1000 seeds $8.75.
ROCOCO
NEW! Produces blooms of up to 4 inches in diameter. The best novelty out: competing in color effects with orchids. 100 seeds, $1.75; 1000 seeds, $15.00.
SNOWFLAKES
NEW! Glossy like silk and pure white. The blooms are of gigantic size, covering the plant during the blooming season like big snowflakes. Best kind for wreaths. 100 seeds, $1.00; 1000 seeds $8.75.
To give our Cyclamen a trial is to become our steady customer.
Catalogues free to any address.
WEIGELT & CO., Erfurt, Germany
Specialists in Seed Cultures.
Mention The Review when you write.

The Tottenham Nurseries Ltd.
(Established in 1872.)
Managing Director, A. M. C. VAN DER EL ST.
Dedemsvaart, Holland.
Headquarters for Hardy Perennials, among which are the latest and choicest. 13 acres devoted for growing this line, including Anemone, Aster, Campannia, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for catalog.
Mention The Review when you write.

VAN DER WEIJDEN & CO.
THE NURSERIES, BOSKOOP, HOLLAND.
Wholesale Growers and Exporters of all kinds of Nursery and Florists' Stock. Hardy plants and shrubs for outdoor planting. Fine ornamental stock for landscape work. H. P. Roses, Crimson Ramblers, Climbing Plants, etc. First-class stock only. Reasonable prices. Ask for catalogue and prices.
NO AGENTS. FOR THE TRADE ONLY.

THE U. S. Department of Agriculture has issued a revised edition of the bulletin on the striped cucumber beetle, describing remedies.

IT looks as though the importer who aroused the ire of his competitors by his early quotations on French Romans knew exactly what he was about.

W. W. RAWSON is quoted as saying of cucumbers for forcing: "New seed will produce the strongest vines and will germinate much quicker than older seed, say two or three days. I prefer seed five or six years old that will germinate in six or seven days. They will produce more fruit with less vine than new seed. I do not think the percentage of germination is any better in new seed than in seed five or six years old."

HOLLAND SEED CROPS.

Sluis & Groot, Enkhuizen, Holland, report that last autumn the weather was continually very dry, especially in September and October, and consequently many plants have developed poorly. This applies especially to turnips, sorrel, swedes and kohlrabi, so that in general the plantations are smaller than last year. The mild winter was favorable for the crops and only a few plants were killed. In a general way of speaking, the weather has been most favorable; but the worm has materially impaired cabbages and turnips, so that the entire yield, they think, will prove not up to the average.

Prospects of the growing crops for flower seeds are not quite so favorable as last year, yet they say that if the weather continues favorable until the season closes, the crop as a whole will be a full average one. The continually fine weather caused most plants to be small but seedy. If this weather lasts some six weeks longer they say they are likely to harvest seed of excellent quality.

A. L. Randall Co.

19 and 21 Randolph St.

CHICAGO, ILL.

Mention The Review when you write.

XXX SEEDS

CHINESE PRIMROSE
Finest grown, mixed, 500 seeds, $1.00; ⅓ pkt., 50c.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

GIANT PANSY The best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains, new crop seed of these well-known unrivaled Pansies, ready now, in trade packages at $1.00 each, either strain.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Our NARCISSUS

for forcing cannot be beat. Write us regarding your wants.

PERRET'S PANSY SEED, 1905 stock at $4.00 per oz.: $2.50 per ½ oz.; $1.00 per trade pkt.; 50c per ⅓ pkt.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

Queen Beatrice

NEW ORLEANS.

Jos. Steckler, of the J. Steckler Seed Co., has just returned from an extended trip around the parishes of Louisiana, where part of their seeds are grown under contract, Raceland, La., being the most important. He reports the crops in Louisiana, with the exception of sugar cane, as bad. He estimates that in the seed line the Creole onion will not average more than one-tenth of a crop, the shallots, white and red, one-twentieth, musk melon one-twelfth. M. M. L.

LEONARD SEED CO. CHICAGO

ONION SETS. Our crop is now harvested.
WHITE PEARL SETS Ready to ship.
Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are still being booked.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

RELIABLE SEEDS

	1000 seeds
Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed	$1.00
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	6.00
Giant Pansies, unsurpassed quality.	Oz.
Special Cemetery mixture	$2.50
Special Florists' mixture	3.00
Bugnot's, very showy colors	8.50
Cassiers' Giant mixture, improved	4.00
Trimardeau Elite mixture	2.50
Stocks. Cut and Come Again, white	2.50
Stocks, White Excelsior, **single stemmed with enormous spikes,** very extra	5.00

O. V. ZANGEN, HOBOKEN, N. J.

Mention The Review when you write.



Freesia Refracta Alba

French Grown Bulbs, the pure white kind, now ready.

Giant Bulbs picking from the crop, $2.00 per 100; $15.00 per 1000.

First shipment of

ROMANS AND PAPER WHITES
due to arrive next week

Prices on all other Bulbs on application.

CLUCAS & BODDINGTON CO.
131 West 23d St., NEW YORK CITY.
Palisade Nurseries, SPARKILL, N. Y.
Importers, Exporters and Growers of SEEDS, BULBS and PLANTS.

Always mention the Florists' Review when writing advertisers.

NEW CROP SEED

Of my well-known

Christmas Sweet Peas

READY NOW.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, N. J.

Mention The Review when you write.

PANSY SEED

Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order. Plants ready September 1.

PETER BROWN
LANCASTER, PA.
Mention The Review when you write.

Captains Island

Lilium Harrisii Never Looked Better.

We are in possession of a consignment which arrived July 15, and are offering in case lots only, while they last: 5 to 7, 400 to a case, at $3.00 per 100 or $12.00 per case. 7 to 9, 200 to a case, at $6.00 per 100 or $12.00 per case.

Address all correspondence to Auction Dept. **W. ELLIOTT & SONS, NEW YORK**

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

COLD STORAGE VALLEY PIPS
in cases of 3000, at $10.00 per 1000.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Cyclamen Seed

FRESH CROP. Clean, Plump Seed

These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.

BAUR & SMITH
38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

FISCHER'S
Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER
GREAT NECK, L. I., N. Y.

Mention The Review when you write.

RALPH M. WARD & CO.
Exporters and Importers
12 West Broadway, New York

Horseshoe Brand.
Bulbs, Plants.
Valley our Specialty Cold Storage Pips Always on Hand.

Mention The Review when you write.

ENGLAND'S PRIZE STRAIN
CINERARIA, CALCEOLARIA and CHINESE PRIMROSE

Absolutely unsurpassed in size and brilliancy of color. If you have been growing the American seed you will have a startling revelation when you behold these **Incomparable English Strains.**

ENGLISH PRIZE MIXED CALCEOLARIA AND CINERARIA.
Half trade packet.....50c Trade packet.....$1.00

PRIMULA SINENSIS (Chinese Fringed Primrose)
English Prize Fringed Mixed..... ....Per 100 seeds 25c; 500 seeds, $1.00; 1000 seeds, $1.75
Obconica Grandiflora Mixed.....trade pkt., 30c Stellata (Star Primula).....trade pkt., 50c
Forbesi (Baby Primrose).....trade pkt., 40c

See our PANSY OFFER in last week's Review.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

PLANT NOW!
Arrived July 24,
Our first shipment

Harrisii for Christmas

SPECIAL BRAND

Michell's Special Brand has the reputation of being the finest in Bermuda, grown under our personal supervision, and far superior to the usual stock.

PRICES:	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
5x7 size.....	$4.50	$42.50	7x9 size....	$8.75	$82.50	9x11 size...	$18.50	$180.00

FREESIAS

Fischer's Purity (New.) A grand Snowy White, giant size flowers, with long, wiry stems. A grand cut flower.

PRICES:
50c. per doz.; $3.25 per 100; $30.00 per 1000.

WHITE CALLAS

	Per doz.	Per 100	Per 1000
Mammoth size.....	$1.40	$10.00	$95.00
Selected size.....	1.20	8.50	80.00
First size.....	.85	6.00	55.00
Second size.....	.60	4.75	45.00

For **Special Prices on Bulbs in Quantities** write us what you want. We are headquarters for Bulbs, and can quote you close figures. **Send for new Bulb List, etc., just out.**

HENRY F. MICHELL CO. {Bulb Importers and Growers} **1018 Market St., Philadelphia, Pa.**

Mention The Review when you write.

DO NOT FAIL TO INSPECT OUR EXHIBITION OF
Gladiolus Blooms

at the S. A. F. Convention, Aug. 15 to 18; also at the Boston Show on Aug. 19.

JOHN LEWIS CHILDS, FLORAL PARK, N. Y.

Mention The Review when you write.

VALLEY PIPS

Best German forcing and forcing **LILACS, SPIRAEA CLUMPS**, in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

PANSY SEED NEW CROP

The two best mixtures for florists.

Currie's International Mixture
1000 seeds, 50c; ⅛ oz., $1.25; 1 oz., $8.00.

Currie's Giant Mixture
1000 seeds, 25c; ⅛ oz., 60c; 1 oz., $4.00.
Write for price list of bulbs, plants, etc.

CURRIE BROS. CO.
Seedsmen and Florists, Milwaukee, Wis.

Mention The Review when you write.

Rawson's Bermuda-Grown
HARRISII and FREESIAS

NOW READY FOR DELIVERY.

We are ready to book orders for

LILIUM LONGIFLORUM,
ROMAN HYACINTHS,
PAPER WHITE Grandiflora

and other forcing bulbs.

Our Florists' List is now ready; write for it. Surely something in it will interest you.

W. W. RAWSON & CO., Seedsmen
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

Mention The Review when you write.

SAMUEL S. PENNOCK,
ASTERS, DAHLIAS, The Wholesale Florist
Ribbons and Supplies. (Open 7:30 a. m. to 6 p. m. of Philadelphia
Mention The Review when you write.

THE CLEVELAND CUT FLOWER COMPANY,
AGENTS FOR THE EVERLASTING GREEENHOUSE TILE BENCH
Samples of which will be on exhibition at the Convention. Be sure and see it.
52 AND 54 HIGH STREET, CLEVELAND, OHIO.
Mention The Review when you write.

Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
Mention The Review when you write.

Nephrolepis Scottii
The best commercial fern of the Boston type
Free growing, compact and graceful. A great seller.
Strong plants, 2¼-inch pots, $1.50 per doz.; $10.00 per 100; $30.00 per 1000. Strong clumps from bench that will fill a 3-inch pot, $3.00 per doz.; $20.00 per 100. 4-inch pots, $5.00 per doz.; $40.00 per 100. 5-inch pots, $7.50 per doz; $60.00 per 100. 6-inch pots, $12.00 per doz.; $100.00 per 100.
Upsal Station, Penna. R. R. JOHN WELSH YOUNG, GERMANTOWN, PHILADELPHIA, PA.

NEW ORLEANS.

The Market.

Since our last report the unpleasant rumor of yellow fever around New Orleans has checked business. Sunday the flower market at the French market, where the best and most plants are sold, was entirely bare. Of the five florists who were there the week previous, only one was present this time. Funeral orders might be on the increase, but we hope it will not last. We wish an increase of business brought by different circumstances.

Flowers are quite abundant in the gardens, but the quality is very poor. Orders have to be filled with northern roses and carnations kept in the ice-box, but with 90 to 100 degrees of heat outside their keeping qualities are of very short duration.

Various Notes.

J. H. Menard is potting a large lot of runners of Piersoni Elegantissima from plants received in the spring. He is well satisfied with the new plant, of which he expects a large sale when better known. One of the superiorities of Elegantissima is keeping true to its character without going back to the Boston fern. His chrysanthemums are healthy. He grows them outside, with slight protection when the buds appear. He claims them to grow just as well as under glass.

R. Ory has been moving to his new quarters on Oak street, near Carrolton avenue. With a larger place and his own property he expects to increase his business largely.

A. Alost is bringing to the market large quantities of field-grown roses from his place on Gentilly road.

P. Rielman, who is growing early vegetables with plants and flowers, had the misfortune to ship his beans to Chicago at a very bad time, consequently he had very poor returns.

A. Cook, a brother of M. Cook and an old florist of New Orleans, died a few days ago. He was never established on his own account, working with other florists, being lately with E. Valdejo. His knowledge of horticultural matters was well thought of by the craft.

M. M. L.

PITTSBURG.

The Market.

Pleasant weather with nothing to do is not satisfactory even to the hired help. They cannot all get away at once and those who remain only fret over the continued idleness. Last week, business was reported bad, but if half the reports and complaints are true, the business thermometer is pretty close to zero, and this with quantities of fine asters, gladioli, lilies and roses to be had at your own price, the opportunity of your life to make money and not an order in sight. In the wholesale houses it is even worse, as they are compelled to handle the large lots of stock coming in, and having no outlet for much of it except the garbage box, are wondering how they can satisfy their consignors, but they are a hopeful lot and expect to see it brighten up before long.

Various Notes.

Randolph & McClement's store and greenhouse men have organized base ball clubs and have many lively games after business hours, and while they are not professionals they play all the fine points of the game. "Fitzy" is the crack pitcher of the store nine. Ed Weaver, one of the store rooters, has taken his wife and family to the mountains.

Miss Catherine Friel, cashier for A. M. Murdoch, has gone to Atlantic City on a two weeks' vacation.

Geo. Eichorn has just returned from Scranton, Pa., where he went as a representative of the Allegheny Harro Garro Society.

About thirty-five persons have declared their intention of attending the S. A. F. convention. They expect to leave on the 8:00 a. m. train, which will give them a delightful ride on the picturesque B. & O., arriving in Washington about 6:00 p. m. Monday. E. C. Reineman is arranging for a parlor car and refreshments for the trip. They expect to spend a pleasant day.

E. C. Ludwig and family left last week for Atlantic City. Mr. Ludwig will run over to Washington for the convention.

T. P. Langhans, of the Pittsburg Cut Flower Co., reports from Bobcaygeon, Ontario, Canada, one day's fishing, one 'lunge, seven pounds, one ten pounds, one five pounds and one three and three-quarter pound bass, all landed with that little toothpick rod of his. He reports fishing good in that section.

Uncle John Wyland with a small party will go to Atlantic City and run over to Washington a couple of days during the convention.

Wm. Falconer will have business in Boston on August 14, which will probably compel him to miss the convention. He says he regrets very much being unable to attend, but his heart will be with the boys.

The Pittsburg Rose & Carnation Co. will be represented at the convention by Fred Burki and Mr. Kocher.

Walter Breitenstein, with a number of his friends, business men of this city, is leading the outdoor life. They have a clubhouse up the Allegheny river, within an hour's ride of their business, where they eat and sleep outdoors and amuse themselves canoeing and entertaining their friends.

Hoo-Hoo.

THE REVIEW is very satisfactory to me. Being a retail florist I very much appreciate the matter pertaining to our branch of the business and feel that I would not like to do without it.—THOS. A. IVEY, Brantford, Ont.

CARNATIONS, KAISERINS and SWEET PEAS

The Philadelphia Cut Flower Co.

Store Closes 6 P. M. until Sept. 16. Saturdays at 1 P. M.

1516-1518 Sansom St., PHILADELPHIA, PA.

Mention The Review when you write.

BERGER BROTHERS, SUMMER ROSES IN VARIETY, CARNATIONS, GLADIOLUS, WHITE PETUNIAS.

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Philadelphia, August 9.

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" Extra		2.00
" Medium		1.50
" Short	$0.75 to	1.00
		Per 100
Brides and Bridesmaids, Fancy	$5.00 to	$ 6.00
" " Ordinary	2 00 to	8.00
Liberty, Select	6 00 to	10 00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	6 00
Meteor	2.00 to	4.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Select	1.50 to	2 00
" Ordinary	.50 to	.75
Asters, Select		1.50
" Common	.50 to	.75
Orchids	15.00 to	25.00
Adiantum Cuneatum		1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15 00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
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Daisies, yellow	.50 to	.75
Water Lilies		2.00
Pyrethrum	per bunch 10c	
Lilium Auratum	$1.50 per doz.	
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Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

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	Per 100
Beauties, Specials	$10.00 to $20.00
" Extra	6.00 to 8.00
" Short Stems	2.00 to 4.00
Brides, Specials	1.00 to 2.00
" Seconds	.50
Bridesmaids, Specials	1.00 to 2.00
" Seconds	.50 to .75
Carnots, Kaiserins	1.00 to 6.00
Liberty	1.00 to 8.00
Carnations, Special	1.00 to 1.50
" Select	.75
" Ordinary	.50
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 12.50
Adiantum	.75 to 1.00
Sweet Peas	.15 to .25
Gladioli	2.00 to 6.00
Asters	.50 to 1.50
Lilium	6.00 to 10.00

Buffalo, August 9.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	.50 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	2.00 to 4.00
Gladioli	1.50 to 3.00
Speciosum Lilies	3.00 to 4.00

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	Per doz.
Beauties, Long stems	$3.00 to $4.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
" Shorts	$0.50 to .75
	Per 100
Bridesmaids, Specials	$5.00 to $6.00
" Firsts	2.00 to 4.00
Brides, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Liberty, Specials	6.00 to 8.00
" Firsts	2.00 to 5.00
Golden Gate, Firsts	5.00 to 6.00
" " Seconds	2.00 to 4.00
Kaiserin	3.00 to 8.00
Chatenay	2.00 to 6.00
Carnations, Select	.50 to 1.00
" Fancy	1.50 to 2.00
Asters	.50 to 2.00
Harrisii	8.00 to 12.50
Auratum Lilies	5.00 to 12.50
Water Lilies	1.00
Daisies	.50
Gladioli	1.00 to 2.50
Asparagus, Strings	25.00 to 50.00
" Sprays, per bunch, 25-35c	
Sprengeri " 25-35c	
Ferns per 1000, $1.00 to $1.50	.20
Galax per 1000, 1.00 to 1.50	.15
Adiantum Cuneatum	.75
Smilax per doz., $1.50	

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Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

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	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	2.00 to 5.00
Kaiserin	3.00 to 5.00
Carnots	3.00 to 5.00
Carnations, Common	.50
" Select	.75 to 1.00
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25 00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1 00 to 2.00
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	1.00 to 2 00
Asters	.50 to 1.00
Gladioli	1.00 to 2.00

Milwaukee, August 9.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Best	4.00 to 6.00
" " Seconds	2.00 to 3.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	1.50
Asparagus Plumosus, Strings	50.00
" " Sprays	2 00 to 3.00
" Sprengeri, "	2 00 to 3.00
Longifiorums	10.00
Sweet Peas	.15
Daisies	.50
Smilax	20.00
Ferns	.25
Asters	1.00

Cleveland, August 9.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8 00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1 00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3 00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Sweet Peas	.25
Asters	.50 to 1.50
Gladioli	1.00 to 2.00

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Cincinnati, August 9.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 2.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15 00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Sweet Peas	.15 to .50
Gladioli	3.00 to 5.00
Asters	.50 to 2.00

Pittsburg, August 9.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 3.00
Brides and Maids	1.00 to 5.00
Cusin	1.00 to 4.00
Kaiserins	2.00 to 12.00
Perle	2.00 to 4.00
Carnations	.75 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12 00 to 15.00
Sweet Peas	.15 to .20
Asters	.50 to 1.50
Gladioli	1.50 to 4.00

SALES from the advertisement in the REVIEW have been very satisfactory.—W. H. NEWMAN, Akron, N. Y.

I DO not think any one can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

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FANCY FERNS	Per 1000, $1.00
DAGGER FERNS	" " 1.00
GREEN GALAX	" " .60
LEUCOTHOE SPRAYS	" " 3.00

Twelve years experience. Send cash with first order.

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ELMIRA, N. Y.

During the past month trade has been somewhat slow and, with the exception of funeral work, there was little doing. Roses are looking well and the prospects for an early cut from young stock are good. Beauties are promising well and are planted in about the same quantities as last season. Meteors have been discarded in favor of Richmond, which seems to be at home in the local soil and conditions.

Carnation planting is being pushed vigorously and by the end of the week they will be nearly all benched. This is a few weeks earlier than last season. They are coming in from the field in fine shape. The quantities planted will considerably exceed those of last season.

The growers have put quite a spurt into building operations. Harry N. Hoffman is increasing his plant by about 6,000 square feet, which he is devoting to carnations.

Geo. Backer has purchased two houses from the Rawson estate and is busy moving them to his own place. This will give an addition of 6,000 square feet. He intends planting them to roses.

The United States Cut Flower Co. is erecting one house 22x200 to be used as a stock house. They are also building a cool room on the most modern plans in which to prepare their cut for shipment. The roses on this place are looking especially fine, their block of Richmonds being really excellent.

The contingent for the convention from here will be small, Supt. Curran of the United States Cut Flower Co., being the only one who has signified the intention of attending.

Recent visitors: R. O. King, No. Tonawanda, N. Y.; John C. Hatcher, Amsterdam; the Granam Brothers, Binghamton.

R.

SHEFFIELD, ILL.—W. G. Thomas is adding two rose houses to his establishment.

MANCHESTER, IA.—C. L. Adams is setting two new boilers and is making a number of improvements in his plant. Business is steadily increasing with him.

FORGE the chain between yourself and customer solid when making decorations. The Pine Tree Brand Ribbons are the strong links. Are you open to conviction? Samples free.

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FIRST QUALITY, 60c per 1000

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For My Exhibition of **GLADIOLI** At the World's Fair

It is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

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J. D. THOMPSON CARNATION CO.,

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CARNATIONS OUR SPECIALTY

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F. DORNER & SONS CO., LaFayette, Ind.

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Japanese Moss

Packed in paper cartons. "Moss and nothing but Moss:" no sticks or dirt. Less than half the price of German Moss.

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Foreign and Domestic Specialties,

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ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

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Arrived in superb condition

Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.

Write for Prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.

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A Daily Cut from 40 to 60 Growers

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THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

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ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

CARNATION NOTES.

Owing to the unprecedented hot weather we experienced several weeks ago many of the growers had an idea that the young stock planted in the open ground might suffer. We had very cool days immediately before it and the young foliage was very soft, but in making a tour among some of our largest growers I find that in a majority of the places the stock seems to be in perfect condition.

There is complaint about the quality of cuttings sent to California by some eastern carnation growers. It seems to be the aim of some propagators of new sorts to strike every piece of wood, whether it will ever make a plant or not. Of a particular lot I was shown last spring, when received from the east, it was evident that the greater portion of the cuttings were taken from flower stems and when I saw the same batch this week after they had been planted a couple of months in the open field, the grower explained that he would not make any effort to force them for flowers, being content to get a supply of cuttings for next season.

There is very little thrip in the vicinity of San Francisco this season. Many growers who never pretend to cut any fancy Lawson or other similar kinds from May to October have had little or no thrip to contend with this season. This is due to the unusual number of dark days and foggy nights and the growers are greatly benefited thereby.

I find that the varieties being mostly planted for the coming season run about as follows:

In white Flora Hill easily takes the lead, although it has probably been thrown out oftener than any other kind. Boston Market and Queen Louise are second on the list, some growers preferring them to Hill. Lady Bountiful will be planted quite extensively by several growers and White Lawson and Gov. Wolcott in a few places. There are several other new whites that are being tried by various growers, but the varieties I have mentioned are the kinds principally in use.

In pink Mrs. Lawson finds the most adherents, with Enchantress a close second. Of the newer varieties Fiancee seems to be in the lead and of the oldest sorts Joost, Scott and Crocker are still handled in the smaller establishments. A great many wholesale growers have ordered largely of Hannah Hobart, the stock of which will not be ready before January next.

With scarlets many do not like Estelle, but as yet there seems to be nothing to take its place. Flamingo has been discarded. A few good beds of Crusader are shown. Crane has also been thrown out. Of the darker shades Harlowarden is planted principally and in some places Harry Fenn and Roosevelt.

In variegated Prosperity is still the best thought of, although it appears to be running out in some of the places. John Carbone easily ranks the best for a fancy yellow and its blooms command the highest prices. Iris Miller is not seen as much as formerly, although it is a good seller when well grown. Mrs. Patten does not seem to be a favorite here, although I heard one or two growers praise it highly. None of the yellows is grown as much as formerly. Eldorado is most planted and I saw several good beds of Pingree. Of other variegated sorts Marshall Field, Armazindy and Gaiety are grown, but not in quantity.

I could lengthen this list somewhat but I have mentioned the principal varieties grown in about twenty of our best establishments and they represent the majority of the growing here.

There is not quite as much glass being erected up to this time this year as there was last season, the price of flowers, in the judgment of the growers, not warranting the expending of as much money in new glass as formerly. I find, however, that the price of fancy stock does not get any cheaper; on the contrary, it holds its own, with a tendency to climb upward. On second quality stock, however, the price has never been lower than at present, which goes to show that the growers must learn to specialize; above all, find out what variety or varieties their culture is especially suited to and what articles do especially well in their particular localities; then bend all their energies to producing that particular flower a little better than any one else. When the store men find out that they can always count on a first-class article from a certain grower, he can set his own price.

G.

PORTLAND, ORE.

Business during the past two weeks has been above expectations, owing to the large number of exposition visitors in the city and an unusual amount of funeral work. Indications are that there will be no marked dull season in Portland this summer if good, salable flowers are to be had. Stock, however, is beginning to show the effects of the continued warm weather and good roses and red carnations are almost unobtainable. Asters and auratum lilies are the latest and most welcome additions to the list of cut flowers.

A visit to the various growing establishments reveals the fact that there is less building going on around Portland this season than for several years past. About the only new glass noted are the four substantial houses built by W. S. Sibson, on the Milwaukee road, and planted with the best varieties of forcing roses. Mr. Sibson is a new arrival in the florists' ranks, having recently secured twenty-five acres of land upon which he intends to grow roses on a large scale. He now has about seven acres planted, including all the standard sorts and many new varieties recently imported from Europe.

L. G. Pfunder, Portland's pioneer florist, has sold his city property, including his store building and residence, for $100,000. Mr. Pfunder made just $20,000 by holding his place the last two years. He will continue occupying the property for the present, but will eventually remove nearer the business center of the city.

Visitors since last report: S. Clack, Menlo Park, Cal.; A. F. Borden, Los Angeles; Mrs. R. L. Darbee, San Francisco; Ralph Clarke, Fruitvale, Cal.; C.

HANNAH HOBART THE PRIDE OF CALIFORNIA

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Clealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificient variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: **"When will the Hannah Hobart be for sale?"** This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906.

Send your orders in early because they will be filled strictly in rotation. **Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.**

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

Frauenfelder, Chicago; John Holze, Seattle; A. Currie, Jr., representing Currie Bros. Co., Milwaukee; J. T. Cokeley, representing Scranton Florists' Supply Co., Scranton, Pa. A. J. C.

SAN FRANCISCO.

The Market.

The weather continues cool and the quality of stock is generally good. Asters are in season and, although not yet at their most prolific time, they are very plentiful. The price averages about 25c per dozen for the best flowers and for smaller blooms and shorter stems there is no fixed rate. Carnations are not very plentiful and will continue scarce for a month or more, or until the growers have finished changing their stock. With roses there is even less display and of first quality stock there is nothing whatever shown. Some Brides and Maids are divided up among the stores daily and likewise a few Beauties and Kaiserins but they are nothing to brag of. Lilium album and rubrum are filling a long felt want at present. They cost the stores from $1 to $1.50 a dozen stems. They have the advantage of keeping much longer than any other lily and are one of the most satisfactory flowers to handle. Amaryllis of the large pink variety is in season also and they also are good sellers. Dahlias, coreopsis and gaillardias are on the wane.

I might add that business is about as quiet as I have ever seen it, not only in the florists' trade but in almost all lines of retail business here. But the continued cool weather has commenced to bring our city people back to town and when the schools again open I have no doubt we will have business.

There is some demand for lily of the valley and there are but few being offered at present.

Various Notes.

D. Raymond, of San Jose, is in town.

The Society Hortensia, of Oakland, has decided not to hold an exhibition this fall. They will devote their energies to assisting the State Floral Society's flower show in the ferry building.

The conservatories at Golden Gate park will repay a visit at this time. The display of ferns, crotons and caladiums is especially worthy of mention.

P. Babros, of the Eureka Wire Works, calls attention to the fact that the amount of wire-frames used by our largest florists grows less each year, and the amount used in many of the smaller stores increases proportionately.

F. D. Shields is on a month's vacation. He will visit the Portland exposition before he returns.

George Miller, one of the pioneer florists of this city and father of John Miller, the Larkin street florist, is sick at the Alameda county hospital.

The young carnation stock on the grounds of P. McDonell, at Alden, looks remarkably well at present. Mr. McDonell will commence transplanting this week. G.

DETROIT.

At a meeting of the Detroit Florists' Club August 2 the following officers were elected: President, William Dilger; vice-president, James Taylor, of Mt. Clemens; secretary, J. F. Sullivan; treasurer, Walter Taepke; librarian, Norman Sullivan.

President Dilger is one of the best-known men in the state. He is manager of the Michigan Cut Flower Exchange and active in all trade affairs. The club now has a membership of eighty and will send more than twenty to the convention.

Arrangements are being made to entertain visitors at breakfast August 14, when Chicago and St. Louis will meet here en route to the convention.

CALLA BULBS

READY NOW.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

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CALIFORNIA NURSERY CO., Niles, Cal.

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AND CUT FLOWERS AT WHOLESALE

1441 POLK STREET
Tel. East 641 SAN FRANCISCO

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Nearly two millions from ¼ to ½ inch up, fine sound bulbs, ready for immediate delivery.
Also Grand Duchess Oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

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Asparagus Pl. Nanus

Strong, 3-in., $25.00 per 1000. Freight prepaid. Cash. Calla Bulbs all sold.

A. MITTING, 17 to 23 Kennan St., SANTA CRUZ, CAL.

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Calla Bulbs!

for present delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2 00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3 00
Pansy, California Giants, mixed, ⅛ ounce, 2 00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1 50 per 1000; 7000 for $10.00.
You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

It looks as though the production of California privet might easily be overdone. There was no scarcity last spring.

There does not appear to be any prospect of a surplus of cherry trees for years to come, although the output is increasing.

The import orders for English Manetti stocks are heavier than usual, rose forcers everywhere being interested by the showing grafted plants have made in the east.

This has been a splendid season for growth in the middle West, some nurserymen reporting that stock has increased in size as much as in two average years.

Peony growers reported a very large business just after the Chicago show by the national society, but July was a quiet month. However, as planting time approaches business is picking up again.

The Highland Colony Co., after some years of trial, have proven that the Alberta peach is best adapted to the conditions about Ridgeland, Miss., which is becoming quite a peach growing center. Next to Alberta they recommend Carmen and Greensboro.

The gentleman whose eloquence carried the nurserymen's convention to Dallas for 1906, seems not to have maintained that Texas is a land of milk and honey but rather a spot where one may look for plenty of spring chickens and a more virulent liquid than mineral water.

The Horticultural Advertiser suggests that, while American peony growers have in the past been large buyers in Europe, from all reports it seems likely that the tide will soon turn in the other direction, or will at least resolve itself into an exchange, so many are the promising American seedlings.

PEONIES IN THE SOUTH.

It would be impossible to tell just what varieties of peony would be most satisfactory in the south, but I see no reason why they should not thrive there if given the proper treatment. I have seen fine blooms of officinalis rubra grown in southern Tennessee. Plant in good, rich soil. Scatter stable manure on the ground about the plants every fall as long as they remain there. Do not cut any flowers until the plants have become firmly established; three years is not too long to wait. After they are through blooming do not allow the stems to be broken off until they have matured in the fall; better leave them until spring. It is no use trying tree peonies in the south, for they will seldom bloom; the early frosts kill the buds just about the time they begin to start good in the spring.

G. H. Wild.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

30 ACRES HARDY Herbaceous Plants

Peonies, Iris, Phlox and Hollyhocks, specialties. Descriptive Catalogue and trade price list free.
J. T. LOVETT, Little Silver, N. J.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin; stock from 2¼, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
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THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
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EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
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FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

Peonies 75 varieties Catalogued. Price list now ready, free.
Address O. & M. Wild, R. D. 1, Sarcoxie, Mo.
Mention The Review when you write.

PEONIES

In choice assortment for florists, from earliest to latest, all named. Write for prices.
NARCISSUS, double white, perfectly hardy, fragrant, beautiful, fine for Decoration Day, 50,000; price low to close out.
F. A. BALLER, Bloomington, Ill.
Mention The Review when you write.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.
All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.
PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.

LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES, 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
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Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

INDIANAPOLIS.

The State Florists' Association of Indiana will hold its annual picnic at Broadripple park on August 30. It was decided at the meeting on August 1 that only members and their employes are to be invited. All members who were not at the meeting, as well as those throughout the state, will please take notice and arrange to attend. There is to be plenty of amusement for all.

There is to be a larger delegation to the S. A. F. convention than usual from here. Those intending to go are A. Wiegand and wife, H. W. Rieman and wife, F. Carson and wife, Irwin Bertermann, Wm. Billingsley, John Grande and F. Sydney Smith. The party expects to visit Atlantic City, New York, Philadelphia and Baltimore besides Washington and expects to be gone ten days. A. B.

Here is another dollar for the Review. I would not be without it for I find it the most satisfactory of all the florists' helps.—T. M. Miller, Jamesville, N. Y.

GERANIUMS.....

Now ready. Good, stocky plants from 2-in. pots; no cuttings.

Comt. de Harcourt	$2.00	per 100	Jean de La Brete	$3.00	per 100	Mme. Jaulin	$2.00	per 100
Jean Viaud	2.00	"	Madonna	3.00	"	Mar. de Castellane	3.00	"
Mme. Barney	2.00	"	Miss Kendell	2.00	"	Mar. de Montmort	2.00	"
Bruanti	2.00	"	M. Jolly de Bammeville	4.00	"	Miss F. Perkins	2.00	"
Centaure	2.00	"				S. A. Nutt	2.00	"
Mme. Canovas	2.00	"	Mme. Charlotte	2.00	"	Granville, single	2.00	"
Gloire de France	2.00	"	Mme. Landry	2.00	"	Mrs. E. G. Hill	2.00	"

We will send 1000 (50 each) of the above varieties for $18.00; or 500 (25 of each) for $10.00. Cash with order.

TELEGRAPH GERANIUM, $1.00 per doz.; $6.00 per 100.

Send for descriptive geranium list. Let us figure on your supply for next season.

HARDY CHRYSANTHEMUMS

Small flowering varieties, $2.00 per 100; $17.50 per 1000. Large flowering varieties $3.00 per 100; $20.00 per 1000. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

AGERATUM, Alternanthera, Alyssum, Coleus, Heliotrope, Lantana, Salvia, Swainsona and Vinca Alba, $2.00 per 100; $17.50 per 1000.

Send for our descriptive price list. Let us figure on your supply for next season.

A cordial invitation is extended to the members of the S. A. F. and the trade in general to visit us. White Marsh is at Cowenton Station, Philadelphia division B. & O. R. R., 12 miles north of Baltimore. Come and see us. Write us and we will tell you about trains, etc.

Celery Plants

IN ANY QUANTITY

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market, and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

CABBAGE

$1.00 per 1000; $8.50 per 10,000.

R. VINCENT, JR. & SON

WHITE MARSH, MARYLAND



WHERE THE KENTIAS GROW AT WYNCOTE (near Philadelphia), PA.

KENTIAS AS GOOD AS CAN BE GROWN

They are **CLEAN, VIGOROUS and STOCKY** and while **sold as low,** are not to be confounded with the **imported, drawn stock so generally advertised. Come and See Them Grow and place your order for FALL DELIVERY.**

KENTIA BELMOREANA	Each.	Per doz.	Per 100
5-inch, 6 to 7 leaves 18 to 20 inches high		$6.00	$50.00
5-inch, 6 to 7 leaves, 20 to 22 inches high		9.00	75.00
6-inch, 6 leaves, 22 to 26 inches high	$1.00	12.00	
6-inch, 6 to 7 leaves, 26 to 28 inches high	1.25	15.00	
6-inch, 6 to 7 leaves 30 to 32 inches high	1.50	18.00	
7-inch, 6 to 7 leaves, 34 to 36 inches high	2.50	80.00	
8-inch 6 to 7 leaves, 36 to 40 inches high	3.00		
9-inch, 6 to 7 leaves, 42 to 48 inches high	5.00		

KENTIA FORSTERIANA Made Up Plants	Each
7-inch pot, 4 plants in pot, 32 inches high	$2.00
8-inch pot, 4 plants in pot, 36 inches high	2.50
8-inch pot, 4 plants in pot, 42 inches high, heavy	3.50
10-inch pot, 4 plants in pot, 48 to 54 inches high, heavy	5.00
10-inch pot, 4 plants in pot, 60 inches high	6.50
12 inch tub, 4 plants in tub, 5 to 6 feet high, heavy	12.50
12-inch tub, 4 plants in tub, 6 to 7 feet high, heavy	15.00

JOSEPH HEACOCK, - WYNCOTE, PA.

CINCINNATI.

The Market.

Business is very poor. Everyone is complaining and there does not appear to be any relief in sight. As to the reason for this condition, it is impossible to say.

Stock is more plentiful. Asters are a terrible glut and only the very best find a market. The poorer grades go to the dump. It seems a shame that things should be so, for last year they were in good demand at all times. There is simply no business, so what can you expect? One of the causes for the large supply of asters is that the aster bug has not been prevalent this season. Gladioli are also coming heavily and sell poorly.

A few field-grown carnations are the only ones seen. Roses from young stock are more plentiful but sell slowly.

Beauties are the best and some real good stock is to be had.

Various Notes.

It looks as though there will be a nice party from this city to the S. A. F. convention. E. G. Gillett will be accompanied by his wife and daughter. After the convention they will spend ten days at Asbury Park.

The next meeting of the Florists' Society will take place Thursday evening at Hagner's garden. After the meeting there will be bowling and a lunch.

Wm. Gardner and Geo. Maguire left Saturday for London, Ont., on a two weeks' vacation.

P. Weiland has closed his wholesale house for two weeks. In the meantime his cut is being handled by E. G. Gillett.

C. J. Ohmer.

Pleasant Hill, Mo.—George M. Kellogg is on an eastern business trip. He plans to be in Washington during convention week.

FIELD-GROWN

CARNATIONS

Strong and Healthy.

MRS. PATTEN	per 100,	$7.00
GOV. WOLCOTT	"	6.00
BOSTON MARKET	"	6.00
LAWSON	"	7.00
MACEO	"	5.00

I also have Berberis Thunbergii, Rosa Lucida, Rosa Rugosa, Viburnum Cassinoides and Viburnum Dentatum. Write for prices.

Sidney Littlefield, No. Abington, Mass.

Mention The Review when you write.

The best is the cheapest in the end.

25,000 LARGE, BUSHY, HEALTHY FIELD-GROWN

CARNATION

Plants Now Ready

	Per 100		Per 100
Fiancee	$15.00	May Naylor	$5.00
The Cardinal	14.00	Her Majesty	5.00
The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
White Lawson	6.00	Queen Louise	4.00
Thos. Lawson	6.00	Crusader	5.00
M. A. Patten.	6.00	Challenger	4.00

—Cash—

C. L. HOWE, DOVER, N. H.

CARNATION SPECIALIST.

Mention The Review when you write.

MY MARYLAND Pure White

JESSICA Red and White Variegated

TWO GREAT CARNATIONS FOR 1906.

$2.50 per doz.; **$12** per 100; **$100** per 1000.

Are you shrewd in business? Yes? Then write us immediately concerning these two great carnations, or see us at the Washington Convention.

THE E. G. HILL CO. RICHMOND, IND.

THE H. WEBER & SONS CO. OAKLAND, MD.

Mention The Review when you write.

ORCHIDS

We cordially invite all to visit our exhibit in the Convention Hall, where we will have a full line of samples of established and imported ORCHIDS.

IF YOU ARE A BUYER IT WILL PAY YOU TO SEE THEM AND GET OUR PRICES.

LAGER & HURRELL, -- SUMMIT, N. J.

Mention The Review when you write.

FIELD-GROWN

Carnations

First-class, clean, healthy plants.

	Per 100	Per 1000
MRS. LAWSON	$6.00	$50 00
MRS. NELSON	5 00	45.00
GUARDIAN ANGEL	5.00	40 00
FLORA HILL	5 00	40 00
WHITE CLOUD	5 00	40.00
QUEEN LOUISE	5.00	40.00

Rose Plants

One year old, bench plants cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3 50	30.00
MAID	3.50	30.00
BRIDE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., CHICAGO

Helen Goddard

The coming commercial pink carnation. rooted cuttings ready Jan. 1, 1906, $10.00 per 100; $75.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

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SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

Mention The Review when you write.

Roses!

	Per 100	1000
Am. Beauty, 3½-inch	$ 6 00	$ 50 00
Max von Herresdorfer, 3½-inch	5 00	40 00
Ideal, 3½-inch	5 00	40 00
Rosalind Orr English, 3½-inch	25 00	200 00
La Detroit, 3½-inch	6 00	50 00
Bridesmaid, 3-inch	4 00	35 00
Am. Beauty, 2½-inch	5 00	40 00
Uncle John, 2½-inch	3 00	25 00
Wm. Askew, 2½-inch	5 00	40 00
Sunrise, 2½-inch	4 00	35 00
Bridesmaids, 2½-inch	2 50	20 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

ASPARAGUS	Per 100	1000
Plumosus, 3½-inch	$7 00	$65 00
Sprengeri, 3½-inch	5 00	45 00

PETER REINBERG

51 Wabash Ave.

Telephone 2846 Central. **Chicago**

Mention The Review when you write.

BRIDES

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Queen Beatrice



The New Variegated Begonia, "Templinii."

BEGONIA "TEMPLINII"

A VARIETY OF Marvelous Beauty

This magnificent Begonia is a novelty of sterling worth and is destined to become the most popular Begonia ever introduced.

As a bedder or decorative plant for house culture it is without a peer.

Look for Our Exhibit at the S. A. F. CONVENTION

We will be ready to take orders and will deliver plants September 15, 1905.

The Templin Co.

CALLA, OHIO.

Mention The Review when you write.

ROSES

Bargain Prices while they last.

	2¼-inch Per 1000	3-inch Per 1000
BRIDES	$20 00	$30.00
BRIDESMAIDS	20.00	30.00
METEORS	20.00	30.00

The above stock is thoroughly first-class and well rooted and ready for planting.

Lake View Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

SPRENGERI

2-in., $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address John G. Esler, Sec'y. Saddle River, N. J

Mention The Review when you write.

ROSES CHEAP TO MAKE ROOM

The following list in 2-inch at $15.00 per 1000. No less than 500 at this price.

Cornelia Cook	Mary Washington	Catherine Mermet	Marie Van Houtte
Mme. Margottin	Baltimore Belle	Clothilde Soupert	Marie Guillot
Snowflake	Yellow Rambler	White Niel	Pink Maman Cochet
White Rambler	Pink Rambler	Mlle. F. Kruger	White Maman Cochet

The following at $2.00 per 100; $17.50 per 1000.

Kaiserin Augusta Victoria	Pink La France	Bride	Bridesmaid
	Crimson Rambler		

Will exchange a part for Boston or Piersoni Ferns. State what you have to offer.

THE REESER FLORAL CO., - Urbana, Ohio.

Mention The Review when you write.

MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10 $4.00 per 1000.

CHARLES S. DUTTON,

85 W. 12th St. Holland, Mich.

Mention The Review when you write.

Smilax Plants

Strong plants, 2¼-inch pots $18.00 per 1000.

ROSE PLANTS OWN ROOTS

125 Golden Gates 2 5 Brides, 250 Maids, fine large plants from 4-in. pots $4 00 per 100. Cash.

Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, August delivery, from 2½ in. pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

PALMS, Etc. The Choicest Stock

STRONG, HARDY AND PERFECT IN EVERY RESPECT

Samples will be on Exhibit at the Washington S. A. F. Convention

Where I shall be pleased to greet my friends and to receive orders for immediate or future delivery.

ORDER EARLY -- It is important

Send for descriptive **Price List,** also see advertisement in next issue Florists' Review.

IF VISITING PHILADELPHIA DON'T FORGET TO CALL ON ME.

CHAS. D. BALL, HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

TIFFIN, OHIO.

With most of the stock planted, the damage caused by the hail storm repaired and the greenhouses in general put in "apple pie" order, Lewis Ullrich was ready to talk convention with all the enthusiasm behooving a stanch devotee of the good cause. It is his opinion that the national capital will draw a large attendance and that the things to be brought up for discussion will prove of permanent interest to the members of the fraternity.

Mr. Ullrich has cleared ground for the erection of four additional houses for roses and carnations. By clearing ground I mean to say that he has actually transformed a hill and hole into a level stretch, the operation requiring a great deal of work at a considerable expense.

A surprise in store for the geranium men is "Ullrich's Seedling." It is a plant of much merit, of dwarf habit, an excellent bedder, large trusses of bloom, a perpetual bloomer, etc. It is quite likely that Mr. Ullrich may put it on the market this fall.

Another good thing on his place is a white seedling carnation, good for either summer or winter blooming. There are white carnations on the market that surpass it in size and in quality, but none for vigor and productiveness.

The Richmond rose as everywhere else is demonstrating its sterling qualities here. From all accounts there is now but one red rose. X.

VIOLETS.

Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market none better. Only $2 00 100; $15 00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.

GEO. T SCHUNEMAN. Baldwins. L. I , N. Y.

Mention The Review when you write.

LUDVIG MOSBAEK, Onarga, Ill.

30,000 Asparagus Plumosus Nanus and Sprengeri, 3-inch. $6; 4-inch, $10; 2¼ inch, $2.50 per 100.
5,000 Smilax, 2¼-inch, $1.50 per 100.
Bedding plants, list mailed.
Pansy plants in bloom and seedlings.
Pansy seed, Florists' intern., ⅛ oz., $1; oz., $7.
Pansy seed, Giant mixed ⅛ oz., 65c; oz. $4.
5,000 000 Celery plants, 1000, $1.00; transplanted, 1000, $2.00. List mailed.

Mention The Review when you write.

PRIMULA, quality guaranteed. Obconica Grandiflora, finest fringed. Alba and Rosea, 2 inch, 2c.

GIANT CYCLAMEN, mixed, of the very finest quality, just arrived from Europe, 55c per 100; $4.50 per 1000, prepaid. Cash. Some clippings from our mail:—GA.—My Pansies bought of you are fine, all in bloom. OHIO—The Pansies I got of you sometime ago are in bloom and are fine. 2d order. PA —Pansies were O.K. This is not from our own town. FLA.—My customers are very much pleased. They turned out the finest blooms in city.

Our strain for this season is still better. Quality talks when it comes to retail trade and the people see the blooms. Write us also on HOLLYHOCKS.

BYER FLORAL CO., SHIPPENSBURG, PA.

Mention The Review when you write.

GOOD STOCK CHEAP!

Agaves (Century Plants), variegated, 17 good leaves, 20 to 24 in. high, $2.50 each. Asparagus Plumosus Nanus, heavy 5 to 8-in. tops, from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.90 per 100.

Pierson Ferns, 3-in., 9c each. Boston Ferns, 3-in., 6c each. CASH WITH ORDER.

MAYER & SON, WILLOW STREET, Lancaster Co., PA.

Mention The Review when you write.

NEW BEGONIA
Turnford Hall

from 2-inch pots, $15 per 100; $110 per 1000.

LEHNIG & WINNEFELD, Hackensack, N. J.

VIOLETS

From 3-in. fine stock, ready now. Princess of Wales, M. Louise and Imperial, $4.00 per 100; $35.00 per 1000.

ROSES

Chatenay, La Detroit and Meteor, from 3-in., $4 00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

A MONEY MAKER I offer extra good value in strong plants of

Asparagus Plumosus

2½-in. pots, $3.50 per 100; $30 00 per 1000. Strong plants ready for immediate planting. Fine stock. Extra good value.

Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, PHILADELPHIA, PA.

Mention The Review when you write.

DAHLIAS

One Hundred and Thirty Acres

ROOTS AND BLOOMS in any quantity

L. K. PEACOCK, Inc., Atco, N. J.

Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

	Each
5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers.	$0.50
5½-in. pots, 13 to 15 in. high, 3 to 4 tiers	.60
6-in. pots, 16 to 18 in. high, 3 to 4 tiers	.75
6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers	1.00
6½-in. pots, 20 to 24 in. high, 5 to 6 tiers	1.25

Araucaria Compacta Robusta, unusually large, very beautiful, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each.

Kentia Forsteriana. 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c; 4-in. pots, made up, 3 in pot, about 10 leaves in all, 20 in. high, 25c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica, imported, 4-in. pots, 25c.; 5 and 5¼-in., 35c. and 40c. each; 6-in. pots, very fine, 50c each.

Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, ready for 5 or 6-in., very strong, at 12c to 15c; 5-in., strong, 25c.

Asparagus Plumosus Nanus, 3-inch pots, $7.00 per 100.

Cocos Weddelliana. 3-in., 15c. By doz. or 100.

Areca Lutescens. made up, 5½-inch pots, very fine, 40c to 50c each. 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c. 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c.

Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

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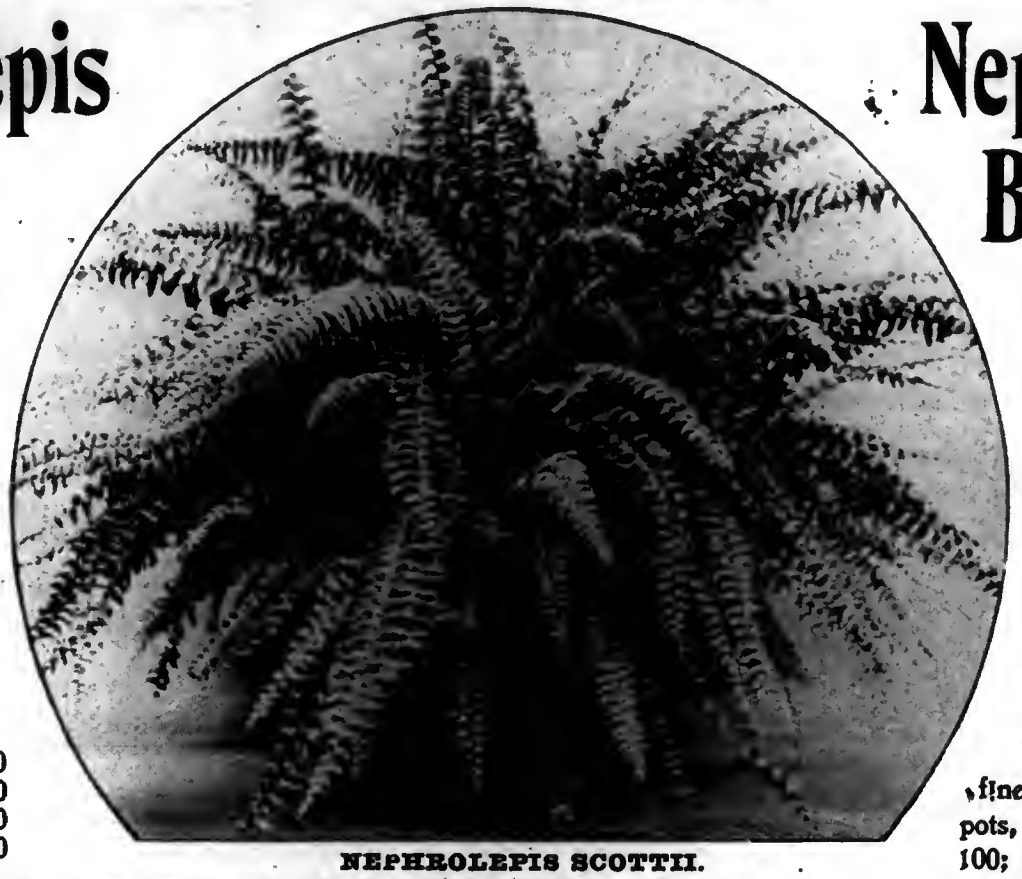
Nephrolepis Scottii

Note reducion in price for delivery on and after Sept. 1.

We have an immense stock of this most useful of all the Nephrolepis and are prepared to book orders for fine young plants in 2¼-inch pots for delivery Sept. 1, at 75c per doz.; $6.00 per 100; $50.00 per 1000.

Also for immediate delivery:

	Per doz.	Per 10
4-inch pots,	$3.50	$25.0
5-inch pots,	6.00	50.0
6-inch pots,	12.00	90.0



NEPHROLEPIS SCOTTII.

Nephrolepis Barrowsii

This is an improvement on Nephrolepis Piersoni and we have every reason to believe that this will hold the same position to the Pierson Fern that Scottii now holds to the old Boston. You will make no mistake in investing in it at once.

We offer originator's stock, fine young plants from 2¼-in. pots, $3.50 per doz.; $25.00 per 100; $200.00 per 1000.

See Our Wholesale Price List for Seeds, Plants and Bulbs for present planting.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

MUMS

Appleton, Bonnaffon, Etherington, Shaw, Kalb, Willowbrook, Monrovia Kimberly, Prima, Nagoya, Plumridge Shrimpton, Quito, Hero, Robinson, Eaton Whilidin, Parr, Morel, 2½-inch, $2 50 per 100; $22.00 per 1000.

ROOTED CUTTINGS of the following—Appleton, Chautauqua Gold, Robinson, Bonnaffon, Plumridge, Morel, Eaton, Chadwick, Intensity, Parr, Whilidin, Esteile, Hailiday Quito, Perrin, Pockett Shaw, Reiman Christmas, Kalb, Ivory, $1.50 per 100; $12.50 per 1000.

NEW — Emily Mileham, Merstham Yellow, Mrs. W. Duckham, 2-inch, nice stock, $20.00 per 100; $3.00 per doz.

Enguehard Hopetoun, American Beauty, Ben Wells, Cobbold, Leila Filkins, 2-in., $3.50 per 100.

Majestic, Adelia, Red Duckham, 2-inch, $10.00 per 100.

ROSES

Chatenay, Maid, Gate, Uncle John, 3½-inch, $5.00 per 100; 2½-inch $3.00 per 100.

Liberty, 3½-inch, $10.00 per 100.

STEVIA R. C.—$1.50 per 100; $12.00 per 1000. 2-inch, $2.50 per 100.

Orders filled in rotation and shipped as soon as possible on receipt.

Headquarters for finest Cut Roses, Carnations and other Cut Flowers.

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Carnations FIELD GROWN

2000 The Belle	$10.00	per 100;	$95 00	per 1000
2000 Flamingo	8 00	"	75.00	"
1200 Mrs. Patten	8 00	"	75.00	"
1500 Nelson Fisher	8.00	"	75 00	"
1000 Boston Market	6.00	"	55.00	"
1000 Mrs. Nelson	6 00	"	55 00	"
1800 White Cloud	6.00	"	55 00	"
500 Prosperity	6.00	"	55.00	"

CHRYSANTHEMUMS

Fine plants ready to shift; 1000 fine Wm. Duckham, 100 Ben Wells 150 Thirkell, 350 C. H. Diedereich, 150 F. S Vallis, 100 Millicent Richardson, 2-inch, $3 00 per 100. 50 3-inch Ben Wells, 300, 3-inch Wm. Duckham, $4.00 per 100.

ROSE PLANTS.

100 4-inch Perles $8.00; 200 3-in. Brides, 900 3-in. Maids, $4 00; 150 Gates, 150 Perles, 125 Ivory, 50 Meteor, 2½-in., $3.00 per 100. Cash or C. O D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

60,000 GRAFTED ROSES For Forcing

Extra fine healthy plants, free from mildew.

LIBERTY, 3½-inch pots, $18.00 per 100.

BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.

BRIDES, PERLES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

SMILAX

2½-inch pots, $1.50 per 100; $12.50 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

FIELD CARNATIONS

CHOICE PLANTS

Fine bushy plants, Norway, Lawson, Prosperity, Armazindy, Joost, etc., at $5.00 per 100: $15.00 per 1000. Good stock grown on new soil.

ROSES! ROSES!

Brides, Maids, Meteors, 3-inch stock at $3.00 per 100; $25.00 per 1000.

Gates and Perles, 3-inch, fine plants, $4.00 per 100; $35.00 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROSE PLANTS

400 Grafted Mme. Hoste, 3-in	$8 00 per 100
300 Mme. Cusin, 3-in	8.00 per 100
300 Bridesmaid, own roots, 3-in	5.00 per 100

JOHN BREITMEYER'S SONS, Detroit, Mich.

Mention The Review when you write.

Violets

Marie Louise and Lady Campbell, from 2-inch pots, $2.50 per 100; $20.00 per 1000. Field-grown Violet plants, Princess of Wales and Dorsett, singles, $6.00 per 100; $50.00 per 1000.

CARNATION PLANTS

FIELD-GROWN

Lawson	$5.00 per 100;	$45.00 per 1000
Enchantress	7.00 per 100;	60.00 per 1000
Glacier	5.00 per 100;	45 00 per 1000
Peru	4.00 per 100;	35.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

Queen Beatrice

Mention The Review when you write.

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held on August 4 and the usual floral display was made, consisting of orchids from the collections of Henry Graves, Edwin Thomas, gardener; William Barr, Arthur Bodwell, gardener, and Julius Roehrs, of Rutherford. The last contained several specimens of great beauty. Roses came from President Dietrick Kindsgrab, gardener for William Runkle, asters from William Bennett, gardener for A. C. Van Gaasbaek, and Charles Ashmead, gardener for Mrs. William Pierson. Phlox and some fine Black Hamburg and Muscat grapes were shown by William Read, gardener for the Colgates. Thomas Rivers and Royal George peaches, measuring twelve inches in circumference and weighing twelve ounces, were shown by Peter Duff, gardener for John Crosby Brown. The judges were Charles Blanck, Edward Roehrs and Joseph A. Manda.

The topic for discussion was "Continuous Bloom," illustrated by colored photographs of the prominent estates in the neighborhood, and the president called upon the gardeners one by one to talk.

J. B. D.

PRICE OF GLASS.

For the fourth time in less than two months the price of window glass has been raised, and indications point to a still further advance within a short time. August 8 the Western Window Glass Jobbers met at Chicago and raised window glass prices ten per cent, making the total increase in the scale since June 16 a little more than forty per cent.

The jobbers say the increase is unavoidable on account of the shortage in popular sizes caused by the present excessive demand, owing to increased building operations and the closing of factories during the hot weather. Another reason given was the contention over the wage scale between the glass workers and the manufacturers.

It is said that the stocks of manufacturers are nearly exhausted and that a glass famine is in sight, with no immediate relief promised, as the factories will not open until the trouble with the glass workers is adjusted.

GERANIUMS

Single and double, standard varieties, named, $2.50 per 100.

Ivy Geranium, 2-in.	$2.50 per 100
Boston Ferns, 8-in. pans, $10 per doz.	
Asparagus Sprengeri, 2-in.	2.50 per 100
Asparagus Plumosus, 2-in.	2.50 per 100
" " 3-in.	4.00 per 100
English Ivy, 2-in.	2.00 per 100
Brides and Bridesmaids Roses	2.50 per 100
American Beauty, 2-in.	4.00 per 100
Dracaena Indivisa, 2-in.	2.50 per 100
" 3-in.	4.00 per 100
White Moonvines, 2-in.	2.50 per 100
Fuchsias, named varieties, 2-in.	2.50 per 100

The National Plant Co., Dayton, Ohio

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The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906. Early. Commercial.

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Mention The Review when you write.

DREER'S ARAUCARIAS



ARAUCARIA EXCELSA.

We have a fine stock of these which we offer at very favorable prices. Now is the time to lay in your supply and secure the benefit of the summer's growth.

ARAUCARIA EXCELSA

Inch pots	Height	Tiers	Each
4	5 to 6 inches	2	$0.35
5	8 to 10 inches	3	.60
6	12 to 14 inches	3 to 4	.75
6	14 to 16 inches	4	1.00
6	16 to 18 inches	4	1.25
7	20 to 24 inches	4 to 5	1.50

Araucaria Excelsa Glauca

Inch pots	Height	Tiers	Each
5	8 inches	2	$0.75
6	13 to 15 inches	3	1.25
7	15 to 18 inches	4	1.75
7	22 to 24 inches	4 to 5	2.00

Araucaria Robusta Compacta

Inch pots	Height	Tiers	Each
6	10 inches	2 to 3	$1.25
6	12 inches	3	1.50
7	16 inches	3 to 4	2.00

For complete list of Seeds, Plants and Bulbs for immediate planting, see our Wholesale Price List.

HENRY A. DREER
714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Chrysanthemums

PLANTING TIME AT HAND

Best standard varieties in stock.

Send list for best quotations.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

CYCLAMEN

Per 100

2-in. Cyclamen, in 5 separate colors $4.00

Asparagus Sprengeri seedlings, 60c per 100; $5 00 per 1000.

Pansy Seed for florists, extra fine imported strains, ½ oz.. $2.50: 1 oz., $5.00.

Boston Ferns, for immediate delivery, 5-in.. fine stock, $3.00 per doz.; $25.00 per 100; $240.00 per 1000. Write for prices on other sizes.

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

Mention The Review when you write.

PRIMULAS.....

Primula Buttercup, 2-inch ..... $3 00 per 100

Primula Obconica Grandiflora, 3-inch 6.00 "

FIELD-GROWN CARNATIONS, FINE PLANTS.

Enchantress, $6 00 per 100. Peru ..... $4 00 per 100

A few hundred each of Crane, Lawson, Prosperity, $5.00 per 100.

A. JABLONSKY, Wellston, St. Louis, Mo.

Mention The Review when you write.

PALMS, FERNS and all Decorative Stock.

R. DREYER, Woodside, L. I., N. Y.

Mention The Review when you write.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

CINERARIAS

Fine plants, 2½-inch pots, $3.50; 3-inch, $5.00 per 100.

Chinese Primroses

2½-inch, $4.00; 3-inch, $7.50 per 100.

CYCLAMEN

2½ inch, $6.00; 3-inch, $10.00 per 100.

FERNS

WE QUOTE FINE NO. 1 STOCK.

We want to call your attention to our prices on Ferns. Finest stock. We would like a trial order and will guarantee to please you.

BOSTON	Per 100
2½-inch	$5.00
3-inch	10.00
4-inch	15.00
5-inch	$25.00 to 35.00
6-inch	40.00 to 50.00
7-inch	60.00 to 75.00
8-inch	$1.00 to $1.50 each
10-inch	2.00 to 3.00 each

PIERSONI	Per 100
2½-inch	$7.50
3-inch	12.50
4-inch	25.00
5-inch	50.00
6-inch	75.00
Specimen plants	$2.50 to $5.00 each

SCOTTII	Per 100
2-inch	$10.00
2½ inch	12 50
3 inch	25.00
4-inch	50.00

FINE ASPARAGUS PLUMOSUS	Per 100
2-inch	$3.50 to $5.00
3-inch	6.00 to 8.00
4-inch	12 50 to 15.00
5 inch	25 00 to 35 00
6-inch	40 00 to 50.00

SPRENGERI	Per 100
2-inch	$2.50 to $3.50
3-inch	4.00 to 5.00
4-inch	10.00 to 12.50
5-inch	25.00 to 30.00
6-inch	35.00 to 50.00

We have the new **Nephrolepis Barrowsii** Fern to offer at $25.00 per 100 for 2-in.; 3-in.. $50.00

ROSES

We grow over 100,000 Roses annually for the trade. Try them. If you want stock at any time, send $1.00 for sample lot, then you see exactly what you buy. Satisfaction guaranteed or money refunded.

Geo. A. Kuhl, Pekin, Ill.

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3 per doz.; $25 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	8½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	6	24-26	6-7	$1.25	15.00	
" "	7	32-34	6-7	2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	4	18-20	3-5	.30	3.60	
" "	5	24-26	4-6	.60	7.20	
" "	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-18	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18 00	
" "	7			2.00	24.00	
" "	9			3 00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
"	5			.25	3.00	
Dracaena Fragrans	4				3.00	
"	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
"	8				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
"	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "	"			5.00
Boston Ferns 2 runners						4.00
Japanese Fern Balls, in leaf					4.00	

NEPHROLEPIS BARROWSII strong, stocky plants, $25.00 per 100

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, **CHICAGO.**

Mention The Review when you write.

SURPLUS STOCK

Order Quick

Satisfaction Guaranteed

20,000 SMILAX

Extra strong plants from 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

6000 GERANIUM BRUANT

The very best scarlet bedder. Fine plants from 2½-inch pots, $1.50 per 100; $14.00 per 1000.

ASP. PLUMOSUS NANUS

Strong 2-inch plants, $2.00 per 100; $18.00 per 1000.

ASPARAGUS SPRENGERI

Extra strong seedlings, as good as average 2-inch, 60c per 100; $5.00 per 1000. CASH.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

WHITMAN, MASS.

Mention The Review when you write.

Gerbera Jamesoni

I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3 00 per dozen.

CHARLES H. TOTTY, MADISON, N. J.

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Queen Beatrice

Mention The Review when you write.

50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus, 2-inch, $2.00 per 100
" " " 3-inch, 3.00 "
" " " 3½-inch, 4.00 "
" " " 4-inch, 5.00 "

Express prepaid at above prices. Cash, please. 10 per cent off on lots of 250 and over.

DANVILLE PLANT AND FLOWER CO., Successor.

Wm. Linfoot, 317 N. Vermilion St., Danville, Ill.

Mention The Review when you write.

SMALL FERNS for Fern Dishes, in 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

P. Chinensis in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Obconica Grandiflora Rosea and Fimbriata, in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Forbesi in 2½-in. pots at $2.50 per 100. CELESTIAL PEPPERS (just the thing for Christmas) in 2½-in. pots at $3.00 per 100; $25.00 per 1000. SMILAX in 2¼-in. pots at $2.00 per 100.

All the above mentioned stock are strong plants ready for a shift.

GARFIELD PARK FLOWER CO. (Not Inc.) Frank Oechslin, Prop.
1688 WEST MADISON STREET, CHICAGO.

Mention The Review when you write.

PRIMROSES

Chinese and Obconicas, ready August 20.	$2.00 per 100
Forbesi, Baby	2 00 "
Floribunda, yellow	2.00 "

ASPARAGUS

Plumosus nanus, 2-inch pots	$2.00 per 100
Sprengeri, 2-inch pots	2.00 "
Shasta Daisy, 2-inch pots	2.50 "
Pansy Seed, large flowering	4.00 per oz.

Cash. **JOS. H. CUNNINGHAM, DELAWARE, OHIO.**

Mention The Review when you write.

Asparagus Pl. Nanus

Seedlings from flats, ready for 2½-in. pots, $12.00 per 1000. Asparagus Sprengeri, $10.00 per 1000. Cash with order, prepaid.

Large field-grown Asp. Pl. Nanus, fine for benching and will give great satisfaction, $40.00 per 1000; 5000 at $35.00 per 1000. Not prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

Mention The Review when you write.

HEADQUARTERS FOR

Palms, Orchids, Bay Trees

Julius Roehrs Co., Rutherford, N. J.

Mention The Review when you write.

CYCLAMEN GIGANTEUM

large flowering, extra fine plants, ready to shift, 3-inch, $5 00 per 100.

Primroses, Chinese and Obconica, 2¼-inch, $2.00 per 100.

Asparagus Sprengeri, 2¼-inch...$1.50 per 100

Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Mention The Review when you write.

BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Adiantum cuneatum, fine 5-inch plants, $20.00 per 100; 3-inch plants, $8.00 per 100; 7-inch plants, will make fine decorative stock, potted on or shaken out and repotted, 20c each.
J. Macfarlane, Staatsburg, Duchess Co., N. Y.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, dormant clumps, 6-7 in., from bench, 12c; from pots, 20c. Adiantum Williamsii, 6-in. pots, just starting, 50c.
Sunnyside Greenhouses, Walden, N. Y.

Adiantum cuneatum, 4-in. pots, ready for 5 or 6-in., very strong, 12c to 15c; 5-in., 25c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, double; nice, young, 2¼-in. stuff, $2.00 per 100. J. W. Myer, Rosedale, Ind.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ANTIRRHINUMS.

Antirrhinums, assorted colors, 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

AQUILEGIAS.

Aquilegia, assorted varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers, 50c; 5½-in. pots, 13 to 15 in. high, 3 to 4 tiers, 60c; 6-in. pots, 16 to 18 in. high, 3 to 4 tiers, 75c; 6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers, $1.00; 6½-in. pots, 20 to 24 in. high, 5 to 6 tiers, $1.25 each. A. compacta robusta, very large, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each. A. excelsa glauca, 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each. Cash.
G. Aschmann, 1012 Ontario St., Phila.

DREER'S ARAUCARIAS. We have a stock or these which we offer at very favorable prices (see display adv.). Now is the time to lay in your supply and secure the benefit of the summer's growth.
Henry A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for 2½-in. pots, $12.00 1000; Sprengeri, $10.00 1000; prepaid if cash with order. Large field-grown plumosus nanus, fine for benching, $40.00 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten per cent off on lots of 250 and over. Cash, please.
Danville Plant and Flower Co., N. Vermilion St., Danville, Ill.

Asparagus plumosus nanus, heavy, 5 to 8-in. tops, from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus plumosus nanus, 2¼-in., $2.50 per 100; 3-in., $5.00 per 100; 4-in., $6.00 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, from flats, $15.00 1000. Asparagus Sprengeri, 2½-in., $2.00 100, $15.00 1000. Cash. Max E. H. Keffel, 699 So. Boyle Ave., Los Angeles, Cal.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000. Sprengeri, extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

30,000 Asparagus plumosus and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus Sprengeri, from bench, two years old, 20c. Asparagus plumosus nanus, 6-inch pots, 20c each.
Sunnyside Greenhouses, Walden, N. Y.

Asparagus plumosus from flats, $1.00 per 100; 2½-in., $2.00; 4-in., $3.00. Cash. L. G. Rolston, 306 W. La Fayette Ave., Fayetteville, Ark.

Asparagus plumosus nanus seedlings, ready for 2-in., $1.25 100; $10.00 1000; includes delivery.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus, 2½-in., $3.50 100, $30.00 1000. Strong plants.
Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, 2¼-in., at $2.50 per 100; 3-in. at $5.00 per 100; strong but not stunted. Cash. Jos. E. Bonsall, Salem, Ohio.

Asparagus Sprengeri, 1 year old from bench, 10 to 15 fronds to plant; to make room, $5.00 per 100. Krueger Bros., Toledo, Ohio.

Asparagus Sprengeri, 3½-in., $5.00 100; $45.00 1000. A. plumosus, 3½-in., $7.00 100; $65.00 1000. P. Reinberg, 51 Wabash Ave., Chicago.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. Cash.
Baur Floral Co., Erie, Pa.

Asparagus Sprengeri, 2-in., $2.50 100; plumosus, 2-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

10,000 Asparagus plumosus nanus seedlings, from flats, $10.00 1000. Cash.
A. Wolniewicz, 1826 N. Claremont Ave., Chicago.

Asparagus plumosus nanus, strong, 3-in., $25.00 1000. Freight prepaid.
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1000 Asparagus Sprengeri, strong, 4-in. pots, $10.00 per 100. Sample free.
John Christman, Stanford, Ky.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
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Asparagus plumosus nanus and Sprengeri, 2-in., $2.00 100. Cash.
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Asparagus plumosus, one year old, from bench, 5c. Cash.
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Asparagus plumosus, 2¼-in., fine plants, $2.00 per 100. A. L. Harmon, Iola, Kan.

Asparagus plumosus nanus, fine, strong plants, 3-in., $5.00 100.
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Asparagus Sprengeri, 2¼-in., $1.50 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 3-in., $7.00 100. Cash. G. Aschmann, 1012 Ontario St., Phila.

Asparagus Sprengeri, 2-in., $2.00 100; $18.00 1000. Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Asparagus plumosus nanus, 2-in., 2c. Cash.
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We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Ageratums, alternantheras, alyssum, coleus, heliotropes, lantanas, salvias, swainsona and Vinca alba, $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Choice surplus stock of geraniums, coleus, and begonias, 3-in. pots, 3c; 2½-in. and 2-in., 2c.
F. A. Knull, Lakeside Greenhouses, Larwill, Ind.

Geraniums, coleus and general bedding stock in large quantities. Write.
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Begonia Gloire de Lorraine, strong young plants from leaf cuttings now ready for 4-inch pots, $15.00 per 100. Plants from 3-inch pots, strong stock, twice cut back, $25.00 per 100. From 4-inch pots, heavy plants, $40.00 per 100. All sizes ready for immediate delivery.
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Begonia TEMPLINII is a variety of marvelous beauty and is destined to become the most popular begonia ever introduced. Orders booked now for Sept. 15th delivery.
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Rex begonias, good varieties in assortment, 2-in., $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $6.00; 3-in., $8.00 per 100.
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New begonia, TURNFORD HALL, from 2-in. pots, $15.00 per 100, $140.00 per 1000.
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Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
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Christmas peppers, 2½-in., $2.00 per 100.
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Celestial peppers, 50 at 3c each.
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LILIUM HARRISII.
ONE BRAND ONLY. THAT THE BEST.

	12	100	1000
5 to 7-inch	$ .50	$ 3.75	$33.00
6 to 7-inch	.65	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
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Calla, French and Dutch bulbs—August, September. Send for list and estimates.
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Michell's SPECIAL BRAND of Harrisii has the reputation of being the finest in Bermuda and is grown under our personal supervision. Its is superior to the usual stock. For quotations on this brand, also on freesias, white callas, etc., see display adv. Our new bulb list is just out. We shall be pleased to mail you a copy.
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First shipment of Romans and paper whites due next week.
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Lilium Harrisii. We have a fine consignment and are offering them in case lots, 5 to 7, 400 to case, $3.00 100, or $12.00 case; 7 to 9, 200 to case, $6.00 100, or $12.00 case.
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Narcissus double white, perfectly hardy, fragrant, beautiful. Fine for Decoration day. Price low to close out.
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Calla bulbs for August delivery. Paper white narcissi for fall delivery. Send for price list.
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500 calla bulbs. These are nice home-grown bulbs, 5 in. in circumference, $4.50 per 100.
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Our narcissus bulbs cannot be beat, write us regarding your wants.
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Send us your list of fall bulbs; we will quote you special prices.
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Paper white narcissus. Prices on application.
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Cacti, 10 varieties, $7.00 per 100. Prepaid.
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Healthy, field-grown carnation plants, large and bushy, now ready.

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Fiancee	$15.00	May Naylor	$5.00
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The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
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Thos. Lawson	6.00	Crusader	5.00
M. A. Patten	6.00	Challenger	4.00

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Carnation plants, fine high land grown stock, free from all disease. Per 100:

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Prosperity	5.00	Crocker	4.00

Stock limited. Place orders early.
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Carnations, strong, healthy, field-grown. Admiral Cervera, best paying yellow; Boston Market, Gov. Wolcott, Gomez, Floriana, Glacier, Lawson and Mrs. E. A. Nelson, $5.00 per 100; $45.00 per 1000. Queen, Flamingo and Mrs. M. A. Patten, $6.00 per 100. Cash with order, please. Hugo Book, Worcester, Mass.

Two great carnations, MY MARYLAND, pure white, and JESSICA, red and white variegated, $2.50 doz.; $12.00 100; $100.00 1000.
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Strong, clean, healthy field-grown carnation plants now ready.

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Mrs. Lawson	$5.00	$45.00
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White Cloud	5.00	40.00
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FIELD-GROWN CARNATION PLANTS.
25,000 LAWSON.

	Per 100		Per 100
Lawson	$5.00	Wolcott	$4.00
Bradt	5.00	Joost	3.00
Naylor	5.00	Scott	3.00
Louise	5.00	Maceo	4.00
Prosperity	4.00		

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Field-grown carnations.

	100	1000		100	1000
Queen	$6.00	$55	Hill	$4.50	$40
Enchantress	7.00	60	Lawson	6.00	50
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HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
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	100	1000		100	1000
The Belle	$10.00	$95	Flamingo	$8.00	$75
Mrs. Patten	8.00	75	N. Fisher	8.00	75
White Cloud	6.00	55	Boston Mkt.	6.00	55
Mrs. Nelson	6.00	55	Prosperity	6.00	55

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400 Gov. Wolcott, 300 Lawson, 300 Norway, 200 Harlowarden, 400 Enchantress at $4.00 per 100. 200 Viola Allen, 200 Crocker, 400 Marquis at $3.00 per 100. Can use ferns, asparagus, Japanese iris, hardy roses or peonies in exchange. The Newburys, Mitchell, S. D.

Field-grown carnations, strong, healthy plants, Lawson, Enchantress, Prosperity, Queen Louise, $5.00 per 100; $45.00 per 1000. Lord, Joost, McGowan, Wm. Scott, $4.00 per 100; $35.00 per 1000. Cash with order, please.
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Field-grown carnations, clean, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	Nelson	$5.00	$45
G. Angel	5.00	40	Hill	5.00	40
W. Cloud	5.00	40	Q. Louise	5.00	40

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Field-grown carnations now ready. Strong, clean plants, Enchantress, Lawson, The Queen, Queen Louise, Genevieve Lord, Harry Fenn, Mrs. Patten, $6.00 100; $50.00 1000, cash with order. Satisfaction guaranteed.
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Extra fine, field-grown carnation plants, large, bushy stock. Prosperity, Harlowarden, Flora Hill, Estelle, Norway, Queen Louise, Scott, Morning Glory, Roosevelt, Joost, $5.00 per 100.
Wm. L. Rock Flower Co., Kansas City, Mo.

Field-grown carnations.

Fiancee	$15	$125	Cardinal	$12	$100
	100	1000		100	1000
Crusader	6	50	Flora Hill	5	40
Moonlight	6	50	White Lawson	7	60

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Carnation plants from field, as fine healthy stock as we ever housed, of the following varieties: Pink Lawson, Queen Louise, Crane and Joost, $5.00 per 100.
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Field-grown carnations. Per 100:

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Marquis	3.00	Her Majesty	3.00

These plants are very fine. Cash with order.
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The beautiful pink carnation CANDACE will be disseminated 1906. It is early and is a good commercial variety. Price: $2.00 doz., $10.00 100, $100.00 1000.
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Field-grown carnation plants.

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Enchantress	7.00	60	Peru	4.00	35

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Field-grown carnations, strong, healthy. Per 100:

Mrs. Patten	$7.00	Gov. Wolcott	$6.00
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Field-grown plants of Lawson, Joost, Norway, Prosperity, Crane and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

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Carnations. Joost, from field, extra good plants, ready now, $5.00 per 100.
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Surplus stock, 2-inch, $2.00 100.

Yellow		White	
100	Oct. Sunshine	200	W. Bonnaffon
	Red	200	Robinson
500	Black Hawk	300	Estelle
1000	Oakland	200	W. Mayflower
1000	Paul Labbe	200	Kalb
	Pink	100	Wanamaker
400	Wm. Duckham	50	W. Ivory

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Chrysanthemums, 2½ and 3-in. stock, extra large. 700 Robinson, $2.00 per 100; 300 Urania, best very late white, $2.50 per 100; 200 Enguehard, $3.00 per 100; or can have the lot for $25.00 cash. Will exchange for Nelson Fisher, Lawson, or any good pink carnation.
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Chrysanthemums, fine plants, ready to shift. 1000 Duckham, 100 Ben Wells, 150 Thirkell, 350 Diedereich, 150 Vallis, 100 M. Richardson, 2-in., $3.00 100. 50 Ben Wells, 300 Duckham, 3-in., $4.00 100.
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3500 Major Bonnaffon chrysanthemums, the best commercial yellow. Superb plants in 2½-in. pots and in perfect condition, $2.25 per 100; $20.00 per 1000.
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Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
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Chrysanthemums. Planting time at hand. Best standard varieties in stock. Send list for best quotations. N. Smith & Son, Adrian, Mich.

Chryssnthemums, new and standard varieties. For varieties and prices, see display adv.
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Cinerarias, fine plants, 2½-in., $3.50; 3-in., $5.00 100. Geo. A. Kuhl, Pekin, Ill.

Cinerarias (August 15), 2¼-in., $2.00 100.
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Cinerarias, ready September, $2.00 100.
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Cobaea scandens, 3-in., large, $3.00 per 100.
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Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
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Cycas revoluta, $8.00 per 100 lbs.
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CYCLAMEN SPLENDENS GIGANTEUM. Well grown stock in fine colors including the fringed varieties, from 2¼-in. pots, $5.00; 3-in. pots, $7.00; from 3½-in. pots, $12.00; from 4-in. pots, $15.00 per 100.
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Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100.
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CYCLAMEN—Continued.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.

"The cyclamen seedlings arrived today in good shape. We are well pleased and are glad to know that by packing properly, plants will stand the trip." Yours truly, Park Floral Co., San Francisco, Cal., July 12, 1905.
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Cyclamen giganteum, our well-known strain. July seedlings, twice transplanted, strong and healthy, in separate colors; 3-in., $8.00 per 100; 3½-in., $15.00 per 100, extra fine.
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Cyclamen giganteum, extra well grown, strong 4-in., ready for 5 and 6-in. pots, in 5 separate colors, $12.00 and $18.00 per 100. Cash with order, please. Hugo Book, Worcester, Mass.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
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Cyclamen, 2½-in., $6.00; 3-in., $10.00 100.
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DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DAISIES.

Shasta daisy, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, 4-in., strong, $5.00 per 100; 5-in., extra strong, $10.00 per 100.
J. B. Goetz Sons, Saginaw, W. S., Mich.

Dracaena indivisá, 2-in., $2.50 100; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaenas, all sizes. Write
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FERNS OUR SPECIALTY.

We have over a half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Dodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.

Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.

CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albolineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
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20,000 extra fine plants of the holly fern, Cyrtomium falcatum, 2-in. pots, strong enough to shift into 3-in., $3.00 100. Grow some for your holiday trade; it sells well and, what is equally desirable, gives your customer satisfaction. Cash, please.
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Nephrolepis Scottii, strong plants, 2¼-in., $1.50 doz.; $10.00 100; $80.00 1000. Strong clumps from bench that will fill a 3-in. pot, $3.00 doz., $20.00 100; 4-in., $5.00 doz., $40.00 100; 5-in., $7.50 doz., $60.00 100; 6-in., $12.00 doz., $100.00 100.
J W. Young, Germantown, Phila., Pa.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Ferns from flats, seedlings. Aspidium, cyrtomium, pteris varieties, fine stock, $1.50 100; $12.00 1000; includes delivery; 2¼-in., $3.00 100; $25.00 1000, f. o. b. only.
H. H. Berger & Co., 47 Barclay St., New York.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Small ferns for fern dishes, strong plants, 2¼-in., $3.00 100; $25.00 1000.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Piersoni ferns, 3-in., $9.00 per 100. Boston ferns, 3-in., $6.00 per 100. Cash with order.
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Nephrolepis Barrowsii, strong stock plants, $25.00 100. Boston ferns, 2 runners, $4.00 100; ready for 5-in., $3.00 doz.; $25.00 100; from 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz. Wittbold Co, 1657 Buckingham Pl., Chicago.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
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Nephrolepis Scottii and Barrowsii. Our stock of both varieties is large and in fine condition. See display adv. for sizes and prices.
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Boston ferns 2½-in. to 10-in., Piersoni, Scottii and the new fern, N. Barrowsii. See display adv. Geo. A. Kuhl, Pekin, Ill.

Stock for ferneries, mixed ferns, 2¼-inch, $2.00 100. Cash or C. O. D.
Wm. A. Clark & Son, Watertown, N. Y.

Boston ferns, 5-in., fine stock, $3.00 doz., $25.00 100, $240.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Boston ferns, fine stock for 5-in. from bench, $12.50 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, 8-in. pans, $10.00 doz.
National Plant Co., Dayton, Ohio.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

FORGET-ME-NOTS.

True, winter-flowering forget-me-nots for edging carnation beds and pot forcing, 50c 100; $3.00 1000.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

FUCHSIAS.

Fuchsias, named varieties, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

BUSINESS BRINGERS—
REVIEW Classified Advs.

GARDENIAS.

Gardenia Veitchii, true variety, strong bushy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

GERANIUMS.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100. Chas. Gay, Des Moines, Iowa.

Bruanti geraniums, the very best scarlet bedder, fine plants, 2½-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Geraniums, single and double, standard varieties, named, $2.50 100. Ivy, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

Geraniums, 500 mixed, standard varieties, strong plants from 4-in. pots, $3.50 per 100.
Mrs. Hubert Graham, Bowling Green, Ky.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

Hardy plants, per 100:

Arbor-vitae, golden, from seed, 8 in. high	$5.00
Habrothamnus, from 2½-in., strong	5.00
Streptosolen Jamesonii, 2½-in., strong	8.00
Coccoloba, from 3-in., strong	7.00
Solanum Wendlandii, from 3-in., strong	6.00
Mandevilla grandiflora, from 3-in., strong	5.00

Golden State Plant & Floral Co., Santa Monica, Cal.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Best hardy garden carnations. Chabaud, remontant, from the choicest imported seeds, assorted varieties and colors, $1.00 per 100.
Jacob Thomann, 838 No. Goodman St., Rochester, N. Y.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Berberis Thunbergii, Rosa lucida, R. rugosa, Viburnum cassinoides and V. dentatum. Write for prices.
Sidney Littlefield, North Abington, Mass.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

Hardy plants and bulbs, wholesale only. Low prices. Send for list.
S. J. Galloway, Eaton, Ohio.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

IVY.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, Ohio.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage lily of the valley, selected pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Cold storage valley pips, in cases of 3000, $10.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MOONVINES.

Moonvines, white, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

MUSHROOM SPAWN.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

KENTIA BELMOREANA.

	High.	Each.	12	100
5-in., 6 to 7 leaves,	18 to 20 in....		$ 6	$50
5-in., 6 to 7 leaves,	20 to 22 in....		9	75
6-in., 6 leaves,	22 to 26 in....	$1.00	12	
6-in., 6 to 7 leaves,	26 to 28 in....	1.25	15	
6-in., 6 to 7 leaves,	30 to 32 in....	1.50	18	
7-in., 6 to 7 leaves,	34 to 36 in....	2.50	30	
8-in., 6 to 7 leaves,	36 to 40 in....	3.00		
9-in., 6 to 7 leaves,	42 to 48 in....	5.00		

KENTIA FORSTERIANA.

Made-up Plants.

	Each.
7-in. pot, 4 plants in pot, 32 in. high....	$2.00
8-in. pot, 4 plants in pot, 36 in. high....	2.50
8-in. pot, 4 plants in pot, 42 in. high....	3.50
10-in. pot, 4 plants in pot, 48 to 54 in. high	5.00
10-in. pot, 4 plants in pot, 60 in. high....	6.50
12-in. tub, 4 plants in tub, 5 to 6 ft. high.	12.50
12-in. tub, 4 plants in tub, 6 to 7 ft. high.	15.00

The above plants are clean, vigorous, stocky, and are as good as can be grown.
Joseph Heacock, Wyncote, Pa.

Cocos Weddelliana, 3-in., 15c. Areca lutescens, made up, 5½-in., very fine, 40c to 50c each; 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c; 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c each.
Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c, 4-in. pots, made up, 3 plants in pot, about 10 leaves in all, 20 in. high, 25c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

A fine lot of Latania Borbonica, 3-inch pots, one to two character leaves, $4.00 100; $35.00 1000; $300.00 10,000. J. B. Heiss, Dayton, O.

Kentia Belmoreana, fine 3-in., 10 to 15 in. high, 5 to 6 leaves, $10.00 per 100. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Plants from my extra select Giant strain, ready Sept. 1. Peter Brown, Lancaster Pa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

PEONIES.

Order your peonies now while the list is complete. We ship September 1 and the plants will be well rooted in your grounds before any imported stock could arrive, and you will have an advantage of 20 per cent in growth.
Send for retail descriptive price list. Stock guaranteed true. No charge for packing.
Peterson Nursery, 504 Peterson Ave., Chicago.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies, big clumps, 40 to 80 eyes, double mixed, white, pink and red in the most delicate shades, 35c to 75c each. Ready September 1.
Sunnyside Greenhouses, Walden, N. Y.

Peonies in choice assortment for florists, from earliest to latest, all named. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies, mixed, $6.00 100. White, $10.00 100. Other colors. Send for prices.
S. J. Galloway, Eaton, Ohio.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

Peonies, 75 varieties, price list now ready.
C. & M. Wild, R. D. 19, Sarcoxie, Mo.

POINSETTIAS.

Poinsettias, strong plants from 2½-in. pots, $5.00 per 100; $40.00 per 1000; 250 at 1000 rate. W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery. Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000. John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias for August delivery, 2½-inch, $5.00 100; $40.00 1000.
BENTZEN FLORAL CO., St. Louis, Mo.

PRIMULAS.

P. Chinensis, obconica grand. rosea and fimbriata, strong plants, 2½-in., $3.00 100; $25.00 1000. P. Forbesi, strong, 2½-in., $2.50 100.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Primula obconica, best, large-flowering kinds from 2½-in. pots, $3.00 per 100.
E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

Chinese and obconica (ready Aug. 20), Forbesi, Baby, and floribunda, yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. Large-flowering, fringed; mixed; 2-in., $2.00 per 100. Cash. J. W. Miller, R. D. 6, Carlisle, Pa., former address Hatton.

Primulas. Chinese and obconica, good, strong plants, $2.50 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Primroses. Chinese obconica grandi., fimbriata alba, rosea, lilac, carmine, hybrid, Baby, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primroses, choice, in 3-inch pots, strong, first-class, $3.00 100; 2-inch, $2.00 100.
W. B. Woodruff, Westfield, R. I.

Primula obconica grandiflora, finest fringed, alba and rosea, 2-in., 2c. Cash.
Byer Floral Co., Shippensburg, Pa.

Primula obconica grandi., 2-in., $2.00; 2½-in., $2.75; 3-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Primula obconica grandiflora seedlings, nice plants, 50c per 100, by mail.
A. Relyea & Son, Poughkeepsie, N. Y.

Primula Buttercup, 2-in., $3.00 100. Obconica grandiflora, 3-in., $6.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Primroses, Chinese and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primulas, all varieties (August 10), 2¼-in., $2.00 100. C. R. Hills, Grand Rapids, Mich.

Chinese primroses, 2½-in., $4.00; 3-in., $7.50 100. Geo. A. Kuhl, Pekin, Ill.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

ROSES.

American Beauty	3½-in.,	$6 100,	$50 1000
Max Von Herresdorfer	3½-in.,	5 100,	40 1000
Ideal	3½-in.,	5 100,	40 1000
La Detroit	3½-in.,	6 100,	50 1000
Rosalind Orr English	3½-in.,	25 100,	200 1000
Bridesmaid	3 -in.,	4 100,	35 1000
American Beauty	2½-in.,	5 100,	40 1000
Uncle John	2½-in.,	3 100,	25 1000
Wm. Askew	2½-in.,	5 100,	40 1000
Sunrise	2½-in.,	4 100,	35 1000
Bridesmaid	2½-in.,	2.50 100,	20 1000

American Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.

Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

D. & C. roses are the cheapest because they are the best. A thousand different varieties consisting of the very latest European varieties including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Grafted roses for forcing. Free from mildew. Liberty, 3½-in. pots, $18.00 100. Bride, Bridesmaid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Perle, Maid, Kaiserin, 3-in. pots, $7.00 100. J. L. Dillon, Bloomsburg, Pa.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Roses. 2000 No. 1 Bridesmaid and about 1600 No. 1 Ivory, 3½-in., in good shape for benching, $5.00 100; $45.00 1000. Also a lot of Bridesmaid and Meteor, 2¼-in., $3.00 100; $25.00 1000.
Ira G. Marvin, 3 No. Franklin St., Wilkes Barre, Pa.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

BARGAIN PRICES on roses. Brides, Bridesmaids, Meteors, 2¼-in., $20.00 per 1000; 3-in., $30.00 per 1000. Thoroughly first-class stock, well-rooted, and ready for planting.
Lake View Rose Gardens, Jamestown, N. Y.

Roses. La France, 3-in., $5.00; Ivory, 3-in., $4.00; Golden Gate, 2-in., $2.50 100. Sample free.
R. L. Graham, 288 Old York Road, Baltimore, Md.

Rose plants. Perle, 4-in., $8.00; Bride and Maid, 3-in., $4.00; Gate, Perle, Ivory, Meteor, 2½-in., $3.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Roses. Chatenay, Maid, Gate, Uncle John, 2½-in., $3.00 100; 3½-in., $5.00 100. Liberty, 3½-in., $10.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants. Grafted—Mme. Hoste and Mme. Cusin, 3-in., $8.00 100. Own root—Bridesmaid, 3-in., $5.00 100.
J. Breitmeyer's Sons, Detroit, Mich.

Rose plants, own roots. Golden Gate, Bride, Maid, large, 4-in., $4.00 100. Cash.
Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Surplus rose stock, all in first-class condition, Bride, Maid, Ivory, Gate, Meteor, $3.00 100; $25.00 1000. J. B. Heiss, Dayton, O.

Roses. Brides, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

See display adv. for list of roses, in 2-in., that we are offering for $15.00 per 1000.
Reeser Floral Co., Urbana, O.

Grafted Brides and Maids, fine plants from 3½-in. and 4-in. pots, $15.00 per 100.
A. C. Canfield, Springfield, Ill.

Roses. Novelties—forcing and bedding varieties—field-grown, strong and healthy.
Peter Lambert, Trier, Germany.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

1500 Beauties, 2½-in., $30.00 per 1000. 4000 Kaiserin, 2-in., $15.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

Bride and Bridesmaid roses, $2.50 100; American Beauty, 2-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Chatenay, La Detroit and Meteor, 3-in., $4.00 100. Crabb & Hunter, Grand Rapids, Mich.

La Detroit, Chatenay and Sunrise, 3-in., $5.00 100. C. R. Hills, Grand Rapids, Mich.

RUBBERS.

Rubbers out of 3s, strong top cuttings for August delivery, $16.00 per 100, $150.00 per 1000. A. C. Oelschig & Son, Savannah, Ga.

RUBBERS—Continued.

25 ficus elastica, 6-in., 2 to 2½ feet high from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Rubbers out of 3s, strong top cuttings for August delivery, $16.00 per 100, $150.00 per 1000. A. C. Oelschig & Son, Savannah, Ga.

Ficus elastica, imported, 4-in. pots, 25c; 5 to 5½-in., 35c to 40c; 6-in., very fine, 50c each.
G. Aschmann, 1012 Ontario St., Phila.

Strong rubbers, 5½-in. pots, 20 inches high, $4.00 per doz.
H. Schmidt, 408 Fulton St., Union Hill, N. J.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SEEDS.

New crop seed of my well known CHRISTMAS sweet peas. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

SWEET PEAS for Xmas flowering Christmas, true, the earliest pink for flowering under glass, 15c oz.; 60c lb. White Christmas, true, the earliest white in cultivation, a companion to pink Christmas, 20c oz.; 75c lb.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00; 1000 seeds, 60c.
A. T. Boddington, 342 West 14th St., New York.

ENGLAND'S PRIZE STRAINS of cineraria, calceolaria and Chinese primrose are absolutely unsurpassed in size and brilliancy of color. Calceolaria and cineraria, mixed, 50c half trade pkt., $1.00 trade pkt.
Primula sinensis, fringed, mixed, 25c 100 seeds; $1.00 500 seeds; $1.75 1000 seeds. Obconica grandiflora, mixed, trade pkt., 30c. Stellata, 50c trade pkt. Forbesi, 40c trade pkt.
Johnson & Stokes, 217-219 Market St., Phila.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.
Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

Choice California seeds. Burbank's Improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Johnson & Stokes' KINGLY COLLECTION of GIANT PANSIES embraces the prize winning strains of the world's best specialists. It is absolutely unrivaled. For prices of this strain and complete list of other varieties with prices see display adv. Aug. 3 issue.
Johnson & Stokes, 217-219 Market St., Phila.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Pansies. Mette's Triumph of the Giants, the most perfect in the world, $5.00 oz., $1.50 ¼ oz., 75c 1-16 oz. Postage paid. Cash. Also grower and exporter of choice vegetable and flower seeds. Send for list and prices.
Henry Mette, Quedlinburg, Germany.

Grand Rapids lettuce seed. GILT EDGE STRAIN. We supply many of the largest commercial growers. Prices, lb., 50c; 5 lbs. or more at 40c per lb. Transportation prepaid at 10c lb. extra. Cash with order.
E. C. Green & Son, Medina, O.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
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XXX pansy seed, finest German mixed. Per oz., $3.00; ¼ oz., 80c. Woodbury's Special Mixture, oz., $4.00; ¼ oz., $1.00. Other varieties, trade packets, 50c each. List free.
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Smilax, 700 strong, healthy plants, in 2½-in. pots, $1.50 per 100.
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Field-grown Marie Louise violets, $3.00 per 100; $25.00 per 1000. Strong plants from soil, $2.50 per 100; $20.00 per 1000. Field-grown Princess violets, $3.00 per 100. Samples, 10c. Cash with order.
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Belmer's galvanized steel stakes for roses, carnations, mums—no bugs—last forever.

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No. 8 wire...	per 1000,	$4.85	$7.15	$9.50	Cash
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COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
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Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

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Price per 1000, f. o. b. Harrison: 2-in., $2.25; 2¼-in., $2.70; 2½-in., $3.25; 3-in., $4.25; 3½-in., $5.50; 4-in., $6.80; 5-in., $11.00; 6-in., $18.00. Cash must accompany order.

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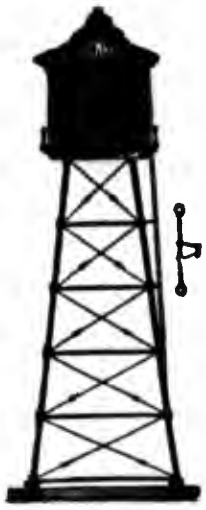
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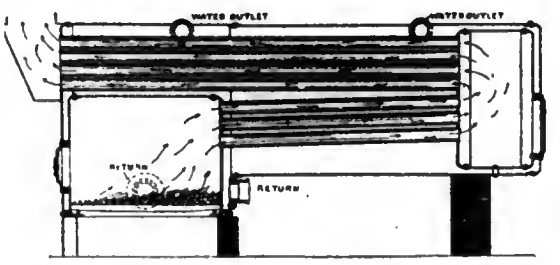
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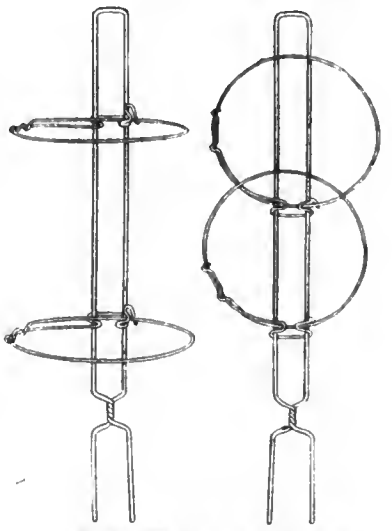
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BALTIMORE.

The Market.

The market has even been duller than last week. Not half the amount of flowers coming in are used up. Asters are now arriving in large quantities, but so far no first-class ones have made their appearance and the bulk of what are shipped in goes to waste. Many good Cochet roses, both pink and white, are thrown out. No doubt the fine weather of the past couple of weeks has had something to do with the present dullness, owing to the low death rate.

Various Notes.

Henry Eberhardt met with a serious accident on his way home from market Saturday night, July 29. His horse became unmanageable and ran away, throwing him from the wagon. He was severely bruised and was taken to the hospital. When last heard of he was slowly recovering.

C. E. Smith, of York, Pa., left on Wednesday by way of Baltimore on a trip to Europe.

A. Stohle for many years a well known florist of Carroll, Md., is dead at the age of 72 years. He came to this country fifty years ago and has been in the florists' business ever since. He was a life-long member of the Baltimore Gardeners' Club. A. F.

CHATTANOOGA, TENN.—John A. Lambert has assumed the position of superintendent of parks of this city.

MENTOR, O.—Carl Hagenburger has a field of 10,000 asters, which are doing exceedingly well and attracting much attention.

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Pat. Sept. 18, 1900.



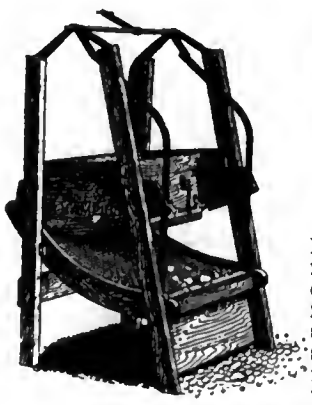
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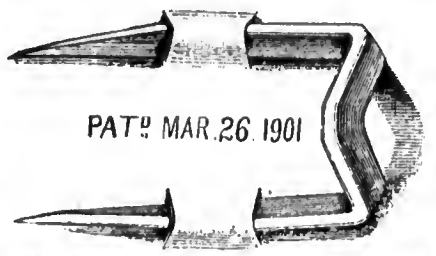
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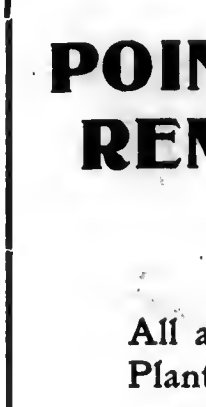
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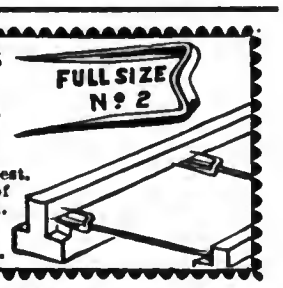
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G. L. GRANT, Editor and Manager.

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Mention The Review when you write.

S. WILKS MFG. CO.,

Manufacturers of

Greenhouse Boilers,

35th and Shields Ave., Chicago, Ill.

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High-Grade Boilers

Get our Catalogue For GREENHOUSES

STEAM AND HOT WATER

GIBLIN & CO., Utica, N. Y.

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OUR WARRANT IS ON EVERY CAN



LEAKY PIPE JOINTS HIT YOUR POCKET-BOOK

When you use **Red Cross Filler** to make up joints you are sure of three things:

First—The joint will be tight when made. Second—It will remain tight. Third—It can be taken apart easily at any time without injury to pipe or fittings.

It costs you nothing to secure these advantages as Red Cross is sold as low as any good material. We gladly ship this material to any responsible party on thirty days' trial and approval, if it does not do all we claim for it you need not pay us a penny. Small sample and literature free for the asking.

Address **THE EDGECOMBE CO.**

Box 483. **INDIANAPOLIS, IND.**



If You Wish the Best

known Steam and Hot Water Heaters, and the largest stock and varieties to select from, send for catalogue, which is complete. There may be others, but the genuine **BOYNTON HEATERS** are sure to be right.

THE BOYNTON FURNACE CO.

147-149 Lake St., CHICAGO.
207-209 Water St., NEW YORK.

Mention The Review when you write.

THE GREENHOUSE CO.

Horticultural Architects and Builders

KEARNEY AVE., JERSEY CITY, N. J.

We manufacture and erect Iron Frame Greenhouses for every purpose, for private and commercial use.

We also manufacture and supply every Greenhouse Structural Requisite, such as Cypress, Sash Bar Material, Ventilation Machinery, Hotbed Sash and Frames, Fittings, Valves and Boilers for Greenhouse Heating.

SKETCHES AND ESTIMATES FURNISHED

For Complete Structures or for Material Ready to Erect.

WRITE US TODAY.

50 per cent. SAVED in Your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

Steel HEATING BOILERS.

Internally fired, easily accessible. No brick work to absord heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel**. No boilers on the market so readily and easily cleaned.



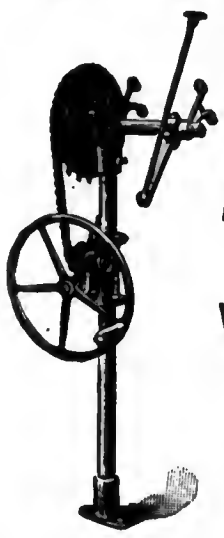
Let us hear from you to-day. All sizes in stock.

BURNS BOILER & MFG. CO.,

Established 1863. **WEST DePERE, WIS.**

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Don't Fail

To write to the

Advance Co.

For estimates on

Ventilating Apparatus, Pipe Carriers, Gutter Brackets, etc.

Richmond, Ind.

Mention The Review when you write.



We manufacture our patent Short-Roofed Greenhouses, as shown in this illustration, and all other styles of construction, either of **Washington Red Cedar** or **Louisiana Cypress**. Quality

Invariably the Best that Can be Produced.

Catalogue, plans and estimates free on request.

A. DIETSCH CO., Patentee, 615-21 Sheffield Ave., CHICAGO.

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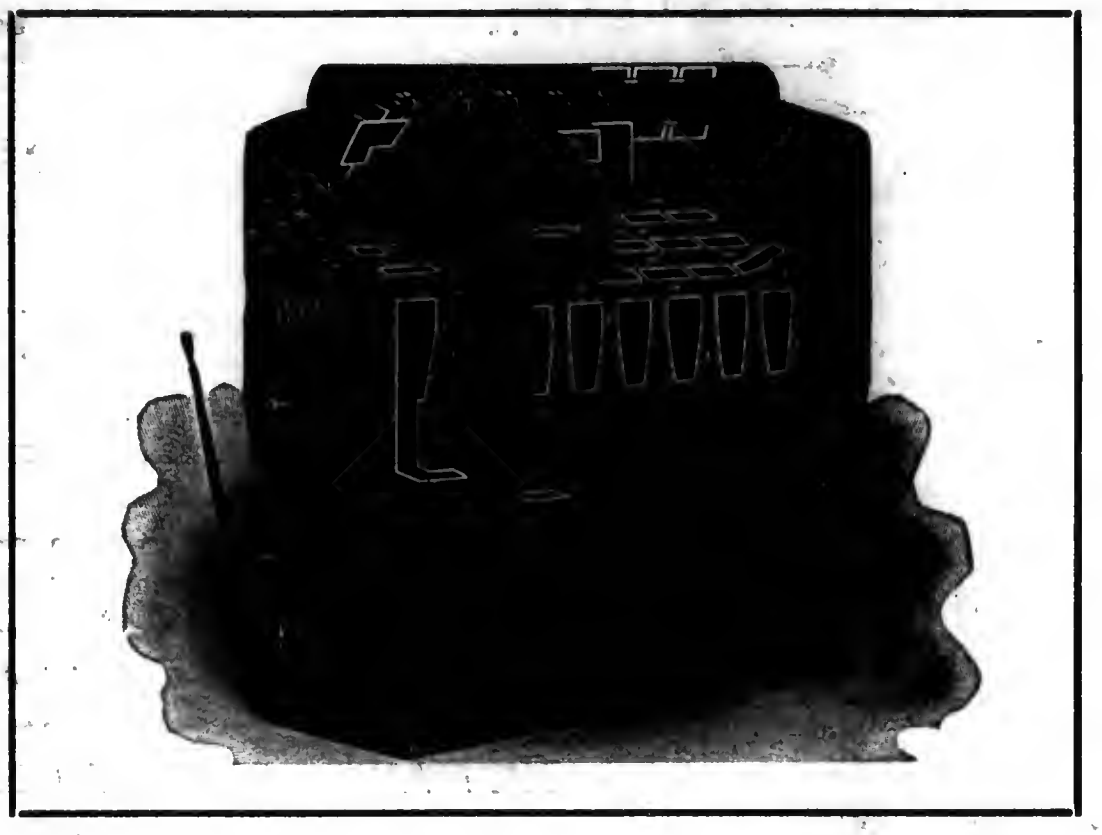
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JOBBERS AND MANUFACTURERS OF WINDOW GLASS.

GREENHOUSE GLASS a Specialty.

205 RANDOLPH STREET, CHICAGO, ILL.

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TO EVERY SQUARE FOOT

of grate our **BOILERS** have more **active** fire surface than any other greenhouse boilers made! Cleans easier, fires easier and keeps freer from clinkers! Every pound of coal then means at least

15 Per Cent More Available Heat

The story is not half told, but our catalog tells the rest! However there is one other thing: All defects cheerfully made right.

BURNHAM HITCHINGS PIERSON CO.

1133 Broadway, New York.

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NOW IS THE TIME TO BUY

No Order too Large For Us to Handle **GLASS** **No Order Too Small to Receive Our Careful Attention.**

WRITE US FOR PRICES BEFORE PLACING YOUR ORDERS

Sharp, Partridge & Co. 22d Street & Union Place Chicago

Mention The Review when you write.

JUST A MINUTE

That is how long it takes a

WITTBOLD.... WATERING SYSTEM

to water or syringe your greenhouse. It will pay you to investigate. For particulars address **Louis Wittbold**, 1708 N. Halsted St., **Chicago**

Mention The Review when you write.

PEOPLE who know a good thing when they see it, and will take advantage of the same, must be possessed with good judgment and are generally successful. One of our successful growers will this year take out 6,000 feet of wooden gutters, which are only 5 years old, and replace the same with 6,000 feet of the **GARLAND IRON GUTTER,** this being his fifth annual order.

Our long list of orders of this kind are is best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., DES PLAINES, ILL.

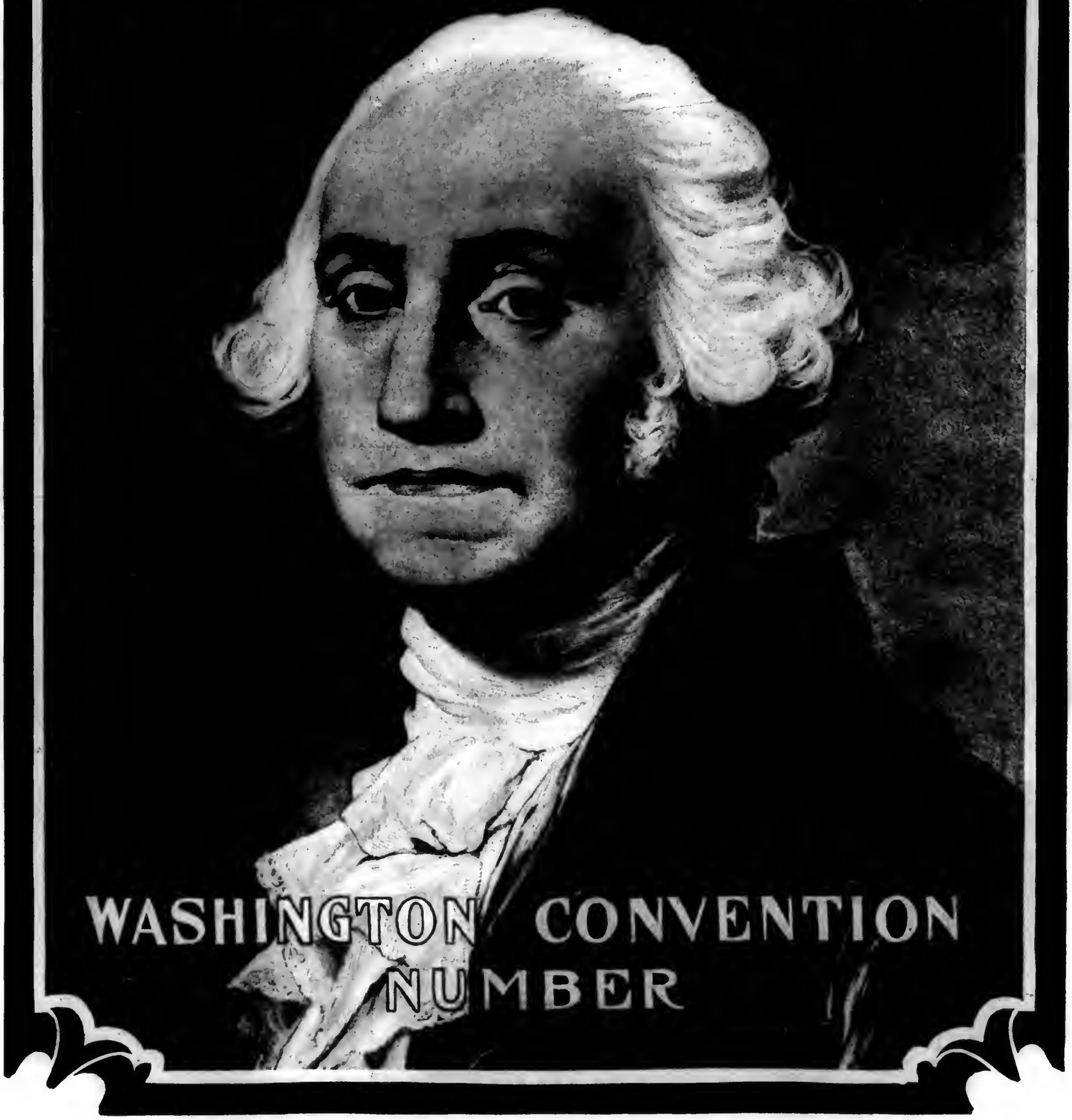
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.



WASHINGTON CONVENTION NUMBER

CHICAGO AND NEW YORK, AUGUST 17, 1905

The Japanese

ARE LIKE UNTO

A. H. HEWS & CO., INC.

POT MANUFACTURERS

PANS FLOWER • AZALEA • PALM • ROSE • SPECIAL

POTS SEED • ORCHID • BULB • FERN • SPECIAL

In that the past year has been a signally successful one for them, affording an opportunity of proving anew that modern, up-to-date, progressive methods, and true merit yield first place in any competition.

As manufacturers of POTS and all kinds of STANDARD or SPECIAL FLORISTS' WARE, our improved facilities, equalling the combination of any two similar establishments in the world, permit us, while producing the highest quality of ware, to make exceptionally favorable prices. Grant us the opportunity to quote on your business, whether large or small.

We now have our vast mid-year stock of ware ready for our Great Lakes, Middle-west and other purchasers of this period.

We would also be very glad to quote prices on our recently installed line of high grade "Nonohio" glazed ware, jardinieres and pedestals, made from our own designs and decorations, particularly adapted for ornamental display purposes, and obtainable exclusively from us.

BOSTON OFFICE
ROOMS 818-835
18 TREMONT ST.

MAIN OFFICE AND FACTORY
CAMBRIDGE
MASS.

NEW YORK BRANCH
PEARSON ST.
LONG ISLAND CITY

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, AUGUST 17, 1905. No. 403.

SWEET PEAS

for Xmas Flowering--Sow Now.

CHRISTMAS (true). The earliest pink for flowering under glass. **Per oz., 15c; per lb., 60c.**

WHITE CHRISTMAS (true). A companion to pink Christmas. The earliest white in cultivation. **Per oz., 20c; per lb., 75c.**

"MAJESTY" MIGNONETTE

The finest of all fancy Mignonettes for indoor winter flowering. It is a vast improvement over New York Market and Allen's Defiance, and is saved from selected spikes of flowers only, under glass. Half trade pkt. 1000 seeds, 60c; 2000 seeds, $1.00.

Arthur T. Boddington,
SEEDSMAN
342 West 14th St., NEW YORK.

LILIUM LONGIFLORUM

Cold storage, for your summer forcing, size 7x9, $50.00 per 1000 or $13.50 per case (250 to a case).

Either F. O. B. Buffalo or New York.

WM. F. KASTING
383-387 Ellicott St. BUFFALO, N. Y.

Delegates Returning

from the Convention are cordially invited to call on

The Leo Niessen Co.
1217 ARCH STREET - PHILADELPHIA

Field-Grown Carnations

Size of Plants.	Per 100	Per 1000
FIANCEE, medium	$15.00	$125.00
CARDINAL, "	12.00	100.00
CRUSADER, large	6.00	50.00

Size of plants.	Per 100	Per 1000
FLORA HILL, medium,	$5.00	$40.00
MOONLIGHT, "	6.00	50.00
WHITE LAWSON, "	7.00	60.00

Chicago Carnation Co., -- Joliet, Ill.

THE E. G. HILL CO., Richmond, Ind.

A Grand Lot of H. P. Roses

Just in time for planting out. They are clean, large plants from 2½-inch pots; could not be finer.

Gen. Jacqueminot	March. of Lorne	Maurice Bernardin
Prince C. de Rohan	Vick's Caprice	Ulrich Brunner
John Hopper	Paul Neyron	Duc. de Rohan

and others at $38.00 per 1000.

THE E. G. HILL CO., RICHMOND, IND.

BULBS and SEEDS FOR FALL PLANTING

Catalogue is published, if not received, ask for one.

READY NOW: LILIUM HARRISII, fine Bulbs.

CALLAS, FREESIAS, FRENCH ROMANS, etc., SOON.

PANSY SEED BARNARDS' Florists' Mixture

TRY THIS ONCE and you'll order again.

Trade packet, 25c; ⅛ oz., $1.00; ¼ oz., $3.50; oz., $7.00

GIANT MIXTURE—Trade packet, 20c; ⅛ oz., 50c; oz., $4.00

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO.

DURING THE PAST SEASON WE HAVE HAD CROPS OF

Beauties, Tea Roses and Carnations

Which were the marvel of other growers for both quality and quantity.
Prospects are even better for the season now at hand and **we want your orders.**
We shall take care of you **from start to finish.**

FIELD-GROWN CARNATIONS

FIRST-CLASS, CLEAN, HEALTHY PLANTS.

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
MRS. LAWSON	$6.00	$50.00	GUARDIAN ANGEL	$5.00	$40.00	WHITE CLOUD	$5.00	$40.00
MRS. NELSON	5.00	45.00	FLORA HILL	5.00	40.00	QUEEN LOUISE	5.00	40.00

ROSE PLANTS

One-year-old, bench plants cut down, roots carefully packed in moss.

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
AMERICAN BEAUTY,	$3.50	$30.00	LIBERTY,	$3.50	$30.00	MAID,	$3.50	$30.00	BRIDE,	$3 50	$30.00

GEORGE REINBERG

Wholesale Grower and Shipper of CUT FLOWERS, 51 Wabash Avenue, **CHICAGO**

Mention The Review when you write.

We Are Ready

To **take better care** of our customers than ever, as we are now cutting heavily from our **New Crop of ROSES,** which is **the best** to be found on the market. We are especially strong on

Bride, Maid, American Beauty, Liberty, Chatenay, Uncle John and Richmond.
Carnations—Of all the leading varieties in season.....

In addition to the cut from **our own large place** we shall have the product of **several first-class growers of Roses.** And we shall have **other new consignors** who are growers of **high grade CARNATIONS and other stock.** We shall be in a position to give you the best the market affords at fair prices, and would like to add you to our list of satisfied customers. We can do it if you give us the opportunity. Write us about it. We make no charge for P. and D. on orders amounting to $4.00 and over.

J. A. BUDLONG

37-39 Randolph St., CHICAGO

TEN YEARS OF STEADY GROWTH AND STILL GROWING

From an humble beginning, starting smaller than almost any wholesaler in Chicago ever did start, we have built up in ten years of steady growth, a business which warrants us in maintaining the largest and best equipped place in the city.

By careful, conservative management we have worked our way to the front.

We have taken good care of every flower shipped to us and earned the confidence of our growers that we are at all times working for their interests.

We have carefully studied the wants of our customers and proved to their satisfaction that we can be relied on at all times to furnish anything that is to be had in this market, and in addition we make SPECIAL EFFORTS to SUPPLY NOVELTIES or SPECIALTIES not always TO BE HAD ELSEWHERE.

IN THE COMING SEASON

we shall conduct our business along the same lines as heretofore. We shall stand on our record—but we shall PUSH HARDER than ever.

We shall have the stock—both quality and quantity—to do a larger business than ever before. We have a strong force of the most experienced and efficient employes, both in the selling and shipping departments, and they are fully alive to the fact that YOUR interests are the interests of this house.

We solicit the continued patronage of those who have been dealing with us, and we ask for the business of those with whom we have not yet done business, on this pledge: That in the future, as in the past,

WE SHALL GIVE FAIR AND SQUARE TREATMENT TO EVERYONE WITH WHOM WE HAVE DEALINGS.

See our Regular Advertisement on its Usual Page.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. CHICAGO, ILL.

Long Distance Telephones, 1978 and 1977 Central. Automatic 7846.

A few men have as much as they need but none have as much as they want.
We have as much business as we need to maintain

Every FACILITY

for handling all orders to the satisfaction of our customers, but
we have not as much business as we want, for we propose

TO MAKE OUR BUSINESS GROW

**You give us a share of your patronage and and we'll please you.
And you'll stay. All Cut Flowers and Greens in season.**

CUT FLOWER BOXES

Parafine Live Plant Mailing Boxes, Full Telescope Cover.
Manila Flower Boxes, 2-inch covers.
Manila Flower Boxes, full telescope.
Manila Flower Boxes, for floral designs.
Best White Boxes, 2-inch covers.
Best White Boxes, full telescope.
Green Boxes, the most popular box.
Violet Boxes, Folding Style, telescope covers.
Set-up Violet Boxes, deep violet color.
Strawboard Boxes, Manila lined, full telescope.
SEND A POSTAL for special Price List on all sizes.
"Do it now."

NEW CROP FREESIA BULBS just arrived. Can quote close prices.

VAUGHAN & SPERRY

**WHOLESALE CUT FLOWERS AND SUPPLIES
60 WABASH AVE., CHICAGO**

Bassett & Washburn

COME OUT AND SEE OUR NEW HOUSES and look over our stock.

In BEAUTIES we are cutting 2000 per day, stems mostly 12 to 24 inches long, at 75c to $2.00 per doz. Quality exceptionally fine for Summer. We can show you an acre under glass of **KAISERIN** and **CARNOT** in full crop. The plants are from two to four years old, planted in solid benches.

Also 10,000 of the new rose **RICHMOND** and quantities of **CHATENAY, LIBERTY, MAIDS, BRIDES, DETROIT** and **MacARTHUR.**

"Greens" OF ALL KINDS and the new type of Easter Lilies
from the Azore Islands now in full bloom.

CALL AT OUR OFFICE,

76 Wabash Avenue, Chicago,

and get tickets and time tables: ALL ARE WELCOME.

BASSETT & WASHBURN, == HINSDALE, ILL.

...WE DO...

THE LARGEST

SHIPPING TRADE

IN CUT FLOWERS

DONE IN THE CHICAGO MARKET

Do you realize What that means?

It means that the buyers of high grade Cut Flowers, from Pittsburg to Denver, from Winnipeg to the Gulf, have found our

Prize-Winning Stock

(all grown in our own big range of greenhouses and shipped to you at first hand) to be the

CHEAPEST AND BEST TO BUY

Don't you want to make arrangements with us for your season's supply? Better write us about it **now.** Beauties, Roses, Carnations, Mums and Lilies of best grade in any quantity. Prices not high, considering quality.

The truth of our assertion that we ship more boxes of Cut Flowers than any other firm in Chicago was proven during the recent teamsters' strike. During that time a teaming association composed of all the wholesale florists carted to the depots all shipments of Cut Flowers from the Chicago Market. These records show that we shipped more boxes than any other house in Chicago. But the records don't show that our boxes (orders) also averaged larger than those of any other house—**which was the fact.**

POEHLMANN BROS. CO.

Salesrooms: 33-35-37 Randolph Street, CHICAGO

Greenhouses: MORTON GROVE, ILL. Inspection Invited

WE HAVE PLANTED

85,000 Tea Roses
72,000 Beauties
160,000 Carnations
100,000 Mums

WIRE IN EVERY TIME

BEST ROSES OR WRITE ORDERS REGULARLY

OR OTHER STOCK

51 Wabash Ave.
CHICAGO

All through our stock the varieties are the newest and best and the quality of the cut flowers will, as in the past, compare favorably with the stock produced by any other grower in the country. We want your business from the beginning to the end of the season.

LET US HAVE YOUR STANDING ORDER

NO CHARGE FOR P. AND D.

PETER REINBERG

51 Wabash Ave., CHICAGO

OUR PLACE HAS LONG BEEN KNOWN AS

The Largest Range of Glass in America

AND WE HAVE THIS SEASON

ADDED 200,000 SQUARE FEET of modern, high-gutter houses and **PLANTED IT ALL TO BEAUTIES**

40,000 PLANTS MORE THAN LAST YEAR

Specialties: **Beauties, Richmond, Liberty, Chatenay, Uncle John, Sunrise. Also Bride and Bridesmaid and the best varieties of Carnations in quantity.**

Order from us and get the freshest stock and of best keeping quality and have the assurance of supplies such as can only come from 1,200,000 FEET OF MODERN GLASS.

SEND FOR PRICE LIST OF FIELD-GROWN CARNATION PLANTS.



THIS IS PART OF "1,200,000 FEET OF MODERN GLASS."

HEADQUARTERS FOR

ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

BRIGHTON, MASS.

Cut Strings, 50 Cents each

When in doubt as to where to send for your

CUT FLOWER

Needs, remember a daily shipment from 40 to 60 Growers (many of them specialists in their line) makes us STRICTLY HEADQUARTERS FOR

ROSES, CARNATIONS, ORCHIDS, MUMS, GREENS, ETC., All Grades

Inside Chicago market quotations at all times. Write, telephone or telegraph, at the last moment, if necessary, we are prepared to take care of your hurry up orders.

The Most Complete Line of Florists' Supplies in the West

Catalogue Free

E. F. WINTERSON CO.

45-47-49 WABASH AVE., CHICAGO.

Thomas Young

WHOLESALE FLORIST

43 West 28th St. New York

Receiver and Shipper of Cut Flowers

CONSIGNMENTS SOLICITED

KEEP YOUR



ON

VICTORY

OUR YEARLY GREETING TO THE

S. A. F. & O. H.

ALEX. J. GUTTMAN,

Wholesale Florist

All Varieties of CUT FLOWERS in Season at Right Prices and of the Best Quality.

TELEPHONES 1664-1665 MADISON SQUARE. 52 West 29th Street, NEW YORK

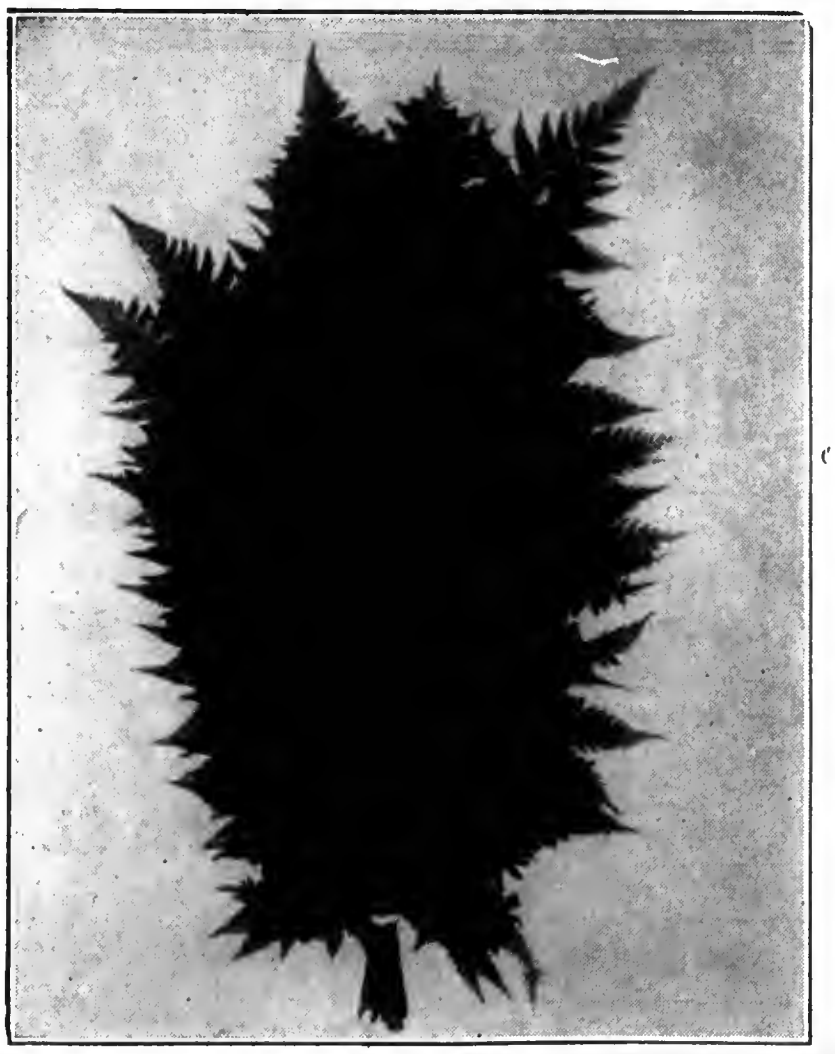
SHIPMENTS DAILY ALL OVER THE COUNTRY

SEND ME ANY ORDER YOU HAVE FOR NEW YORK DELIVERY AND VICINITY

See me at 43 W. 28th St. after October 1

SAMUEL S. PENNOCK
The Wholesale Florist
1612-14-16-18 LUDLOW ST.
of PHILADELPHIA.

THE CHOICEST OF CUT FLOWERS
Ribbons and Supplies



FANCY FERNS

90 cents per 1000
Discount on regular shipments

MICHIGAN CUT... FLOWER EXCHANGE
WM. DILGER, Manager.
WHOLESALE FLORISTS
38-40 Miami Ave., Detroit, Mich.

Get Ready for the

Kansas City Flower Show

IT WILL BE THE EXHIBITION OF THE YEAR

$5,000 In Premiums

Kansas City always succeeds, but Kansas City pays you every dollar of your awards on the last day of the show, without any reference to the gate receipts.



You Should be Represented at the Show that

OFFERS THE BIG PREMIUMS,
IS GIVEN IN AMERICA'S GREATEST HALL,
HAS THE BEAUTIFUL DECORATIVE FEATURES,
SECURES THE BEST JUDGES,
GIVES YOU ALL YOUR MONEY BEFORE YOU LEAVE TOWN,
DRAWS IMMENSE CROWDS, not only from Kansas City, but from the important trade territory of Missouri and Kansas.

CONVENTION HALL, NOV. 13 to 18 Inclusive

The Premium List, aggregating $5,000 in real money, may be secured by addressing

Louis W. Shouse, Secretary, Kansas City, Mo.

Entries for the opening day must be received by Nov. 1.

Peony Bargains!

CUT PRICES

Absolutely True Named Stock. On account of dividing our ten acres of roots this fall we are making a few special offers at less than half the price asked by others.

Festiva Maxima, Queen of all Peonies, white
3 to 5 eyes, per doz., $5.00; per 100, $35.00. 7 to 10 eyes, per doz., $7.00; per 100, $50.00.

Richardson's Rubra Superba, bright and best red
3 to 5 eyes, per doz., $3.00; per 100, $20.00. 7 to 10 eyes, per doz., $4.00; per 100, $30.00.

Francois Ortegal, large deep crimson
5 to 10 eyes, per doz., $3.00; per 100, $20.00.

Mixed Varieties, all colors
5 to 7 eyes, per doz., $1.50; per 100, $8.00; per 1000, $75.00.

CHICAGO CARNATION COMPANY
JAS. HARTSHORNE, Mgr. JOLIET, ILL.

Bruns' VALLEY

THE BEST THE SEASON AFFORDS

Headquarters for cold storage pips in the west. Selected stock, $1.50 per 100; $14.00 per 1000. Every case guaranteed.

FINEST CUT VALLEY ALWAYS ON HAND.

H. N. BRUNS, 1409-1411 W. Madison St., Chicago, Ill.

Palms, Orchids, Ferns, Bay Trees, Box Trees

Everything for the commercial florist is to be found in our range of 82 houses.

Christmas Specialties: Ardisias, Begonia Gloire de Lorraine, Dracaena Terminalis, Adiantum Farleyense, etc.

Julius Roehrs Co., THE EXOTIC NURSERIES, Rutherford, N. J.

F. W. O. SCHMITZ, Prince Bay, N. Y.

IMPORTER AND EXPORTER OF

Horticultural Products

OF THE BEST GRADE — AT REASONABLE PRICES

Easter Sunday, 1906, comes on April 15

	Per 1000
ROMAN HYACINTHS, 12-15	$22.50
NARCISSUS, Paper White Grandiflora, 13 cm. and up	9 00
Paper White Grandiflorum Multiflorum	11.00
Trumpet Major, French grown	10.00
FREESIA REFRACTA ALBA, Mammoth	9.00
Best	7.50
DUTCH ROMAN HYACINTHS, to name	16.00
DUTCH HYACINTHS, separate colors, best	25 00
To name, No. 2	35.00
To name, No. 1, extra	65.00

	Per 1000
CROCUS, named, No. 1	$2.50
LILIUM HARRISII, 5-7, $40.00; 7-9, $75.00; 9-11	150.00
LILIUM LONGIFLORUM MULTIFLORUM, home grown, 7-9, $55.00; 9-11	110.00
	Per 100
FERN BALLS, small, 5-inch, $12.00; 7-9-inch	$24 00
LILY OF THE VALLEY, the best in the market.	
Berlin Pips, for early forcing	11.50
Same Pips, from ice-house, $15.00 per 1000. $35.00 per case of 2500 pips.	

TULIPS, Single.

	Per 1000
Extra fine, separate colors, single	$5.50
Artus	9.00
Belle Alliance	18.00
Canary Bird	9.00
Chrysolora	6.50
Cottage Maid	7.50
Couleur Cardinal	27.00
Duchesse de Parma	9.00
Duc Van Thol, scarlet	9.50
Keizerskroon	11.00
Joost van der Vondel	10.00
La Reine	6 50
L'Immaculee	6.00
Mon Tresor	16.00
Pottebakker, white	12.00
Yellow	12.00
Scarlet	15.00
Rosa Mundi Huykman	7.00
Rose Gris-de-lin	11.00
White Hawk	15.00
Yellow Prince	7.50

TULIPS, Double.

Double, mixed, best, $7.50 per 100.

Couronne d'Or	27.00
Gloria Solis	12.00
Imperator Rubrorum	22 50
La Candeur	10.50
Murillo	18 00
Rex Rubrorum	13.00
Rosine	12.00
Tournesol, red and yellow	14.00
Yellow Rose	7.00

PARROT TULIPS.

To name	15.00
Mixed	12 00

FERNS

IN FLATS

Ready for immediate delivery

Aspidium Tsussimense
Cyrtomium Falcatum
Pteris Serrulata
Pteris Serrulata, fol. var.
Pteris Serrulata, comp. nana
Pteris Gilberti
Pteris Cretica Albo-Lineata
Pteris Sieboldii

Price, $2.00 per flat of 110 clumps.
$21.50 per doz. flats; $175.00 per 100 flats.
F. O. B. New York depot.

Prices on all Summer and Fall Plants and Bulbs cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

NARCISSUS, Single.

	Per 1000
Ajax Princeps, 1st size	$7.50
Bicolor Empress	18 00
Grandis	9.00
Horsfieldii	15.00
Victoria	27.50
Emperor	14.00
Golden Spur, best	15.00
Poeticus Ornatus	5.00
Trumpet Major	7.50
Von Sion	10.00

NARCISSUS, Double.

	Per 1000
Alba Plena Odorata	$5.00
Orange Phoenix	7.50
Von Sion, double nose	19.00
Selected, 1st size	13.00

JAPAN LILIES.

	Per 1000
Lil. Longiflorum, 6-8	$24.00
7-9	37.00
9-10	75.00
Lil. Multiflorum, 6-8	27.50
7-9	44.00
9-10	75.00
Lil. Giganteum, 6-8	36.00
7-9	55.00
9-10	90.00
Lil. Melpomene, 7-9	60.00
9-10	95.00
Lil. Speciosum Album, 8-9	70.00
9-11	117.00
11-13	169.00
Lil. Speciosum Rubrum, 8-9	50.00
9-11	85.00
11-13	112.50
Lil. Auratum, 8-9	40.00
9-11	75.00
11-13	130.00

	Per 100
CALLA ETHIOPICA, Mammoth tubers	$9.00
Large size	6.00
Few specimens	15.00
SPIRAEA Japonica	4 50
Compacta Multiflora	5.00
Astilboides Floribunda	5.00
Gladstone	10.00
AZALEA INDICA. Only the best market varieties imported. Your selection,	
10-12-inch crowns	35.00
12-14-inch crowns	45.00
14-16-inch crowns	60.00
16-18-inch crowns	90.00
Specimens from $1.00 up.	

AZALEA MOLLIS, in full bud ..... $35.00 per 100 up

RHODODENDRONS, in best forcing varieties .... 50.00 per 100 up.

DEUTZIA LEMOINEI, pot-grown ..... $15.00 per 100

DEUTZIA GRACILIS, pot-grown ..... 18.00 "

ROSES, H. P., in leading varieties, $10.00 per 100; $90.00 per 1000, your selection.

Crimson Rambler, extra strong ..... $15.00 per 100
Baby Crimson Rambler, nice, strong plants ..... 25.00 "

The above prices hold good while stock is on hand.

Prices on anything not given in this list will be cheerfully forwarded.

F. W. O. SCHMITZ, Prince Bay, N. Y.

THE RIBBON HOUSE

SCHLOSS BROS.

533 BROADWAY, - - NEW YORK

Headquarters for Florists' Ribbons Chiffons and Novelties

STANDING ORDERS WANTED

WE have fine crops of **BEAUTIES, TEA ROSES** and **AURATUM LILIES** and shall soon have plenty **CARNATIONS** and all other stock according to season. Our growers are among the best in the country and on quality of stock we cannot be beat.

We shall cater particularly to the shipping trade and we want **YOUR** standing order this season. Give us a trial, now or at any time, and you will find that our service is the best at your command. There are older houses but none better able or more anxious to please. No charge for P. & D. on orders of $5.00 and over.

ZECH & MANN, 51 Wabash Ave. L. D. Phone, 3284 Central Chicago

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Long	$4.00
Fair length	$2.00 to 3.00
	Per 100
Brides	$3.00 to $5.00
Bridesmaids	3.00 to 5.00
Liberty	3.00 to 7.00
Kaiserin	3.00 to 7.00
Golden Gate	3.00 to 5.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Gladioli, common	1.50
" light colors	2.00 to 3.00
Auratum Lilies...doz., $1.00-$1.50	
Rubrum Lilies. per doz., 75c	5.00
Valley, our specialty, best	3.00 to 4.00
Daisies	.75 to 1.00
Smilax.....per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string, 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns.....per 1000, $1.50	.20

Subject to change without notice.

Packing and delivery at cost.

FOLDING
CUT FLOWER BOXES

Inventors
Originators



Largest
Manufact-
urers

Every foot of the above Buildings used for manufacturing

Folding Paper Boxes

Edwards & Docker Co.

16 and 18 North Fifth Street,
501 and 503 Commerce Street, **Philadelphia**

To Save Money: **Before placing your order compare our Goods and Prices with what you are now using and note the difference.**

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JERUSALEM CHERRIES

We have a surplus of about 10,000 Jerusalem Cherries. These plants are pot-grown and in excellent condition, being very bushy. They are now ready for a shift and will make much better plants than those lifted from the ground in the fall.

For a limited time we will offer these at $6.00 per 100; **$50.00** per 1000.

THADDEUS N. YATES & CO., - Mt. Airy, - PHILADELPHIA.

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"ALWAYS IN BLOOM"

THE BABY RAMBLER

THIS ROSE is a true perpetual bloomer, perfectly hardy, free from insects and diseases, and of easy culture. It is bound to take the place of soft plants for bedding, is incomparable for edging walks and driveways, for park and cemetery use, for house culture, etc. Its popularity will be greater than that of its parent, the Crimson Rambler.

We are the Introducers of

BABY RAMBLER

under contract with the originators, Levavasseur & Sons, Orleans, France, who cannot sell it in the United States until Fall, 1906.

Our stock is true and will be the best offered in America. We are growing it on specially prepared land, brought up to the highest state of fertility, and are cultivating our fields of it most thoroughly. On account of this treatment we expect our plants will grade 2-year No. 1. **Strong, field-grown, dormant plants, $250 per 1000.**

Order Dormant Plants Early

Demand Great Stock Limited

We tested this rose two years before offering it, in order to be absolutely sure it was right. Both winters were severe and unprotected plants unharmed.

Strong, dormant plants for forcing or propagating, ready Oct. 1, $250 per 1000. These are the finest field-grown plants in the United States.

2½-inch pot plants for immediate shipment, $100 per 1000. Usual trade terms.

We offer also a General Assortment of

FRUITS AND ORNAMENTALS

We have an extra fine lot of Apple, Cherry, Plum, Pear, H. P. Roses, Sweet Briers, Rosa Lucida, CRIMSON RAMBLER, Japan Quince, Monarda Didyma, Carolina Poplars, Catalpas, Elms, ash-leaved Maples, strong Blackberry root cuttings, and a very complete line of Perennials, Shrubs, Vines, Berries, etc.

Also **CALIFORNIA PRIVET** from 6 inches to 3 to 4 feet. Special prices on application.

SEND US YOUR WANT LIST BEFORE PURCHASING.

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CONTINENTAL NURSERIES

Introducers of Baby Rambler **ROCHESTER, N. Y.**

The Tarrytown Fern!

NEPHROLEPIS PIERSONI ELEGANTISSIMA

THE BEST RECORD OF ANY NEW INTRODUCTION

The much coveted $50 Prize from the Horticultural Society of New York for THE BEST new plant of the year.



Gold Medal
WORLD'S FAIR.

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Pennsylvania Horticultural Society.
GOLD MEDAL,
Rhode Island Horticultural Society.
GOLD MEDAL,
New Orleans Horticultural Society.
SILVER MEDAL,
Society of American Florists — Highest Award.
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SILVER MEDAL,
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SILVER MEDAL,
Newport Horticultural Society—Highest Award.
SILVER MEDAL,
Tarrytown Horticultural Society—Highest Award.
And numerous Diplomas and Certificates of Merit.

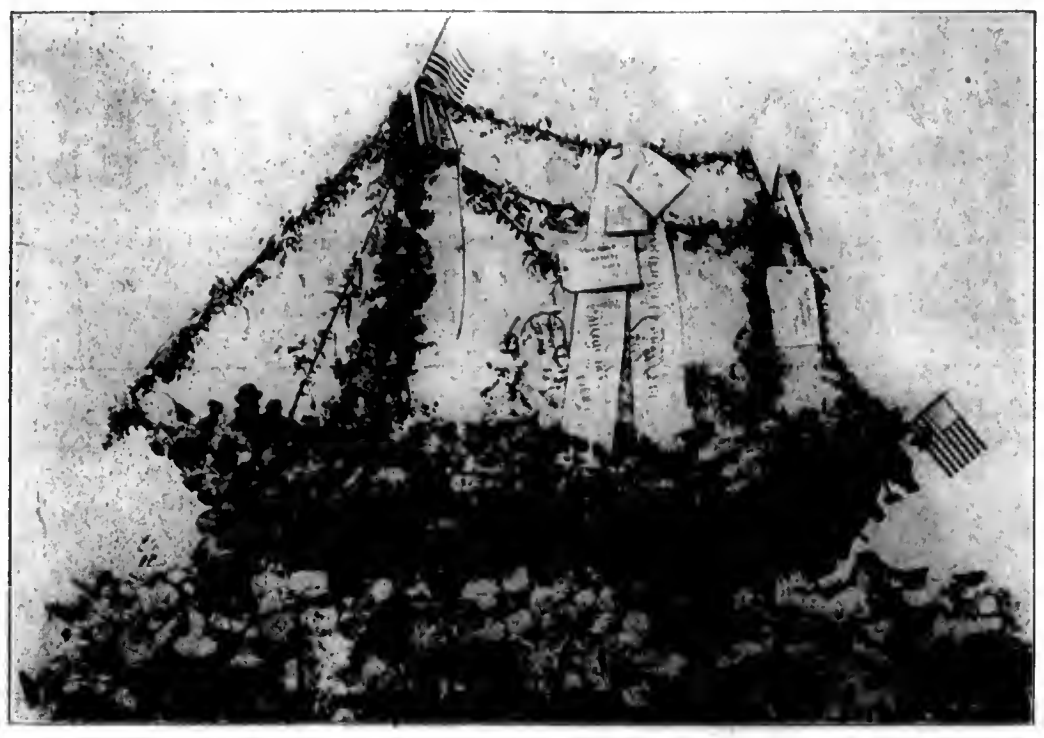
INTRODUCTION 1905

There is nothing in the fern line that is as handsome as this beautiful fern when well grown. It is a wonderful improvement over Nephrolepis Piersoni in every respect, both in regard to beauty and habit of growth. It is a sport from the Pierson Fern (Nephrolepis Piersoni), but it is very much more beautiful and of greater value. It is as different from the Pierson Fern as that is from the Boston. The small side pinnæ are again subdivided, producing an exquisite and beautiful effect, changing the entire character of the fronds, which measure less than half the length and about twice the breadth of the fronds of the Pierson Fern. The fronds also assume an entirely different form, the side pinnæ standing at right angles to the mid-rib of the frond, on edge rather than flat, as is usual, making both sides of the frond equally beautiful—entirely different from any other fern.

The plant is very dwarf, only about half the height of the Pierson Fern, and of very much more compact habit. Taking it altogether it makes one of the most exquisite plants and one of the most valuable for table and house decorations that has ever been introduced. The cut fronds, on account of their beauty, will be in great demand for table decoration. Well grown plants make most magnificent specimens.

WE ARE NOW READY TO BOOK ORDERS FOR FALL DELIVERY AT REDUCED PRICES. WRITE FOR OUR FALL PRICE LIST.

F. R. Pierson Co. TARRYTOWN-ON-HUDSON NEW YORK



Design for One of N. Y. Theatre Openings

MADE BY

M. A. BOWE

1294 Broadway

In the heart of NEW YORK CITY.

Orders from out of town for steamers, theaters, etc., well and promptly attended to.

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PALMS, Etc.

THE CHOICEST STOCK

STRONG, HARDY AND PERFECT

in every respect. Shall be pleased to receive orders now for immediate or future delivery.

ORDER EARLY. IT IS IMPORTANT.

KENTIA BELMOREANA 2½-in. pots, $10.00; 3-in., $15.00 per 100. 4-in., 25c and 35c; 5-in., 50c; 6-in., 75c. $1 00 and $1.25; 8-in., $2.00. "Made-up," several strong plants together—6-in., $1.00 and $1.25; 8-in., $2 00, $2.50, $3.00 and $4 00; 10-in. specimen plants, $12.00 to $15 00 each.

KENTIA FORSTERIANA 2½-in. pots, $10 00; 3-in., $15 00 per 100. 4-in., 25c and 35c. "Made-up," several strong plants—$1.00 and $1.25; 8-in., $2 00 each.

ARECA LUTESCENS 2½-in., $6.00; 3 in., $8.00; 4-in., $15.00 per 100. "Made-up," several plants—4-in., 25c ($22.50 per 100); 6-in., 50c, 75c and $1.00; 8-in., $2 00 each.

LATANIA BORBONICA 3-in., $8.00 per 100. 4-in., 25c ($22.50 per 100); 6-in., 50c and 75c; 8-in., $1.50 and $2.00. "Made-up," several plants—8-in., $1.00 and $1.50.

PANDANUS VEITCHII, COCOS WEDDELLIANA, DRACAENA SANDERIANA, LIVISTONA, ROTUNDIFOLIA, etc. Descriptive Prices Free on application.

CHAS. D. BALL, Holmesburg, Phila., Pa.

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NEW GERANIUM "TIFFIN."

NEW SEEDLING GERANIUM.....

"TIFFIN"

The Freest Blooming of all Single Scarlet Geraniums.
Flowers are freely produced and clusters very large.
Foliage is a medium shade of green—No zone.
Grows freely, making a bushy, shapely plant.
Has been tested for eight years and found A 1 in all respects. Will sell on sight.
Will be introduced and delivered strictly in rotation beginning February 1, 1906.
Strong 2-in. Plants, $2.25 per doz.; $15.00 per 100.
Orders booked now.

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824 N. 24th St.,
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LEWIS ULLRICH,
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Always mention the Florists' Review when ordering stock.

To Out-Of-Town Buyers

Who want the best flowers at reasonable rates,

COME TO THE

Philadelphia Wholesale Flower Market

1235 to 37 Filbert St., PHILADELPHIA

We will have the most and the best Beauties that come to Philadelphia the coming season and everything else in the Cut Flower Line you may want.

Wholesale List of PEONIES

Order while the list is complete. We ship September 1, and the plants will be rooted in your ground before any imported stock could arrive and you will have an advantage of 20 per cent in growth. Not less than five plants of any variety at these prices. SEND FOR RETAIL DESCRIPTIVE PRICE LIST. STOCK GUARANTEED TRUE.

No charge for packing. Net cash or satisfactory references must accompany order.

Explanation—Divided plants will not have less than two eyes. Plants designated **small** were divided last year and have one or two stalks of this year's growth: **medium** plants are two years old and have three to five stalks: **large** plants are three years old, with six to ten stalks or more. Next year a plant will have from two to three times as many stalks as this year.

WHITE:

MONT BLANC or Solfaterre, fragrant, full, divided, 35c; medium, 90c each.

FESTIVA MAXIMA, tallest paper white, divided, 45c; medium, $1.10; large, $1.75 each.

SEAFOAM, clear white, no markings, small, 60c each.

QUEEN VICTORIA or Whitleyi, best keeper, divided, 18c each.

PAPAVERIFLORA, large, full white, small, 40c each.

BOADICEA, creamy white, cup shaped, divided 12c; medium, 35c each.

SPLENDIDA, lemon center, blush guard, divided, 20c each.

PINK:

GOLDEN HARVEST, pink guard and center, divided, 8c each.

DORCHESTER, late light pink, divided, 35c each.

PRINCESS BEATRICE, large crown pink, divided, 20c; small 40c each.

MODELE DE PERFECTION, solid clear pink, with full crimped center, divided, 35c; 3-year, $2.50 each.

JOAN D'ARC, deep pink guard, light center, small 25c each.

DUKE OF CLARENCE, lilac guard and center small, 75c each.

DELICATISSIMA, delicate pink, divided, 4oc; medium, $1.10 each.

ROSE:

M. BARRAL, late full rose pink, small, 60c each.

SOUV. DE G. CALOT, midseason silver pink, medium, $1.00; large, $1.50 each.

RED:

BERLIOZ, large currant red, small, 50c each.

PURPUREA SUPERBA, early deep red, small, 40c each.

MEISSONIER, very dark red without stamens, small, 40c each.

RUBRA SUPERBA (Richardson's)—best latest black, small, 40c each.

MIXED:

MIXED WHITE, divided, 8c each.

MIXED, ALL COLORS, divided, 6c each.

GERMAN IRIS OR FLEUR-DE-LIS

Not less than 25 of a kind. Descriptive catalogue ready.

FLORENTINA, SAN SOUCI, SPECIOSA, SIR WALTER SCOTT	$6.00 per 100.
CELESTE, QUEEN OF MAY, AUREA, HARLEQUIN MILANAISE	8.00 "
MME. CHEREAU, JUDITH, BLACK PRINCE	10.00 "
FAIRY AND DALMATICA	12.00 "

Peterson Nursery, 504 Peterson Ave., Chicago

Our Immense Exhibit

at the Great Washington Convention

WAS FIRST AS USUAL

You Know Us. Watch Us Grow.

Haven't time to stop growing.
Our exclusive line of up-to-date ideas is a trade winner and keeps us growing.
Let us help YOU to grow. We know how.

M. RICE & CO.

LEADING FLORISTS' SUPPLY HOUSE
RIBBON SPECIALISTS

1220 RACE STREET, PHILADELPHIA, PA.

Write for our NEW EXCLUSIVE KATALOG for up-to-date ideas.

LILIES —Harrisii — only ONE BRAND — THE BEST

	12	100	1000		12	100	1000
5x7	$ .60	$3.75	$32.00	7x9	$1 00	$7.00	$65.00
6x7	.75	4.75	42.00	9x11	2.25	16.00	....

Case lots at 1000 price.

LILIUM CANDIDUM, fine forcer.

	12	100	1000		12	100	1000
French stock, mammoth	$ .65	$4.50	$42.00	Northern grown, hardy stock, mammoth	$ .75	$5.00	$45.00
" " 1st size	.55	4.00	38.00	" " " 1st size	.65	4.50	42.00

NARCISSUS	12	100	1000	**FREESIAS**	12	100	1000
Paper White Grandiflora, 13 cm., up	$ .20	$1.00	$9 00	Bermuda and French, 3/8—1/2	$ .10	$ .45	$3.50
" " " 15 cm	.25	1.25	10.50	" " 1/2—3/4	.15	.75	6.00
French Trumpet Major, best Xmas forcer	.25	1.25	10.0	Buttercup Oxalis, Bermuda, large	.20	1.00	8.00

FERNS from Flats, all your favorites. **ASPIDIUM, CYRTOMIUM, many PTERIS sorts, in finest shape, ready for 2-inch pots.**

Well assorted, per 100, including delivery, $1.50; per 1000, including delivery, $12.00. From 2¼-inch pots, per 100, $3.00; per 1000, $25.00, f.o.b. only.

ASPARAGUS PLUMOSUS NANUS, seedlings, fine, strong, per 100, $1.25; per 1000, $10.00, delivered.
" " " " " 2-inch pots, " 3.00; " 25.00, f.o.b.

SEEDS

PANSY SEED

BERGER'S NEVER FAIL, mixture of the best sorts, giant bloom, prize flowers, 1000 seeds, 25c; 5000 seeds, $1.00; per oz., $4 00.

PANSY SEED in all separate colors, white, black, red, bronze, purple, blue, azure, yellow, blotched, striped, 1000 seeds....25c; 5000 seeds, $1.00. **Any named sort** — Send for our list.

CINERARIA NANA MAX .....mixed, pkt., 25c; 5 pkts, $1.00

CINERARIA NANA, in separate colors, white, rose, red, azure, blue, pkt., 25c.

CINERARIA STELLATA, finest for cut flowers, especially funeral work, pkt., 25c.

CYCLAMEN SEED, saved by an expert grower from his **grandest exhibition bloom.**

	100	1000
Giant pure white	$ .75	$6.00
" rose pink	.75	6 00
" brilliant crimson	.75	6.00
" white, red eye	.75	6 00
NOVELTY WILLIAMS, the darkest Cyclamen in existence, 25 seeds, 30c	1.00	8.00
CYCLAMEN, Giant Fringed, beauties, 25 seeds, 30c..	1.00	8.00
CYCLAMEN PERSICUM, giant flowers, all colors, mixed	.60	5 00

Over 250 seeds at 1000 rate.

H. H. BERGER & CO., 47 Barclay St., NEW YORK

ESTABLISHED 1878.

The Washington Convention.

THE SOCIETY OF AMERICAN FLORISTS CELEBRATES ITS TWENTY-FIRST ANNIVERSARY.

The Next Meeting to be Held at Dayton, Ohio.

OFFICERS FOR 1906:

President, WM. F. KASTING, Buffalo, N. Y.

Vice-President, H. M. ALTICK, Dayton, Ohio.

Secretary, W. J. STEWART, Boston, Mass.

Treasurer, H. B. BEATTY, Oil City, Pa

Year by year the cities which have been visited by the Society of American Florists have established the custom of setting a new high water mark for the open-handed hospitality with which they have welcomed their guests and the elaborateness of the provision made for their entertainment; year by year the trade has shown an awakening and growing appreciation of the whole-souled generosity of their fellow craftsmen in their endeavors to improve the social features of our annual reunions, and year by year an even greater proportion of the society's membership has responded by attendance, to the end that the society's usefulness to the trade, its importance in a business sense and the interest in its work have ever increased. In none of these things did the Washington convention of 1905 fall short of what was expected by the most enthusiastic.

The city of Washington possesses points of interest, aside from trade institutions, in greater number than any other city in the land; the memory of the efficiency of the Washington Florists' Club as a body of entertainers, as demonstrated at a previous convention, had not yet faded; the close of a season of unexampled development in our industry; the near approach of another season with promise of even greater things; our preparedness for it; the realization that the time is ripe for the propulsion of our society to a position in keeping with the advanced public interest in our work; all these helped to bring to Washington a gathering such as had not been seen in the whole twenty-one years of the society's life, and splendidly did Washington arise to the occasion.

Not least notable of the advances was that in the matter of the trade display, and here, unfortunately, was the one point in which Washington was weak—she had no hall adequate. The best that could be done was to use the National Rifles Armory, where two floors were available, each capable of carrying a good-size display, but these were soon full to overflowing and recourse was had to a fine hall in the Masonic Temple in the next street. But even with this the accommodations were not sufficient. George H. Cooke, the superintendent, is to be congratulated on the way he handled an arduous task made much more than usually difficult by the necessity of dividing the exhibition into practically three equal parts.

Every class of the exhibit showed the progress the trade is making. The plantsmen were more largely represented than usual; the bulb men used more space than ever for the display of their wares; the paper box makers showed stronger than before; the greenhouse builders and boiler men were there in force; showing of cut gladioli was a revelation; but in no branch of the trade was there a stronger showing than that made by the dealers in supplies and ribbons. The samples brought by these progressive gentlemen would alone have made a first-class exhibition. Their showing served to demonstrate anew the importance of requisites to every retail florist, to show what infinite variety of forms these helps take and what ingenuity and art is employed in their production and constant improvement.

That our government at Washington is taking an increasing interest in our trade has long been apparent, and to the courtesies of the Department of Agriculture not a few of the pleasures of convention week were due. Not the least of the services was the intercession with the Weather Bureau which brought fine summer weather. Washington called it cool, but there were many who dissented. However the heat was no worse than the society has encountered in more northern cities and the days, and especially the evenings, were far more enjoyable than most of the visitors had at home in the preceding week.

The business sessions were held in Carroll Hall, adjoining the main exhibition building, and there was a splendid gathering present on Tuesday afternoon at 3:15 when President Wm. F. Gude, of the Washington Florists' Club, called the society to order for the formal opening of the convention. The opening ceremonies were delayed by the non-arrival of President Vaughan, and the Chicago, St. Louis and Detroit contingents, who were several hours behind schedule time because of a wreck ahead of their special train, but the postponement did not detract in the least from the enthusiasm.

Mr. Gude spoke briefly in his usual fine voice and introduced J. A. Freeman, vice-president of the S. A. F., who thanked the society for the honor done him in his absence at St. Louis and introduced H. B. F. McFarland, president of the Board of Commissioners of the District of Columbia, to deliver the address of welcome. He said that the florists are the ministers of beauty and it was a pleasure to all to welcome them to the nation's city of beauty. To the product of the growers' skill he paid a tribute, saying that flowers are the language of our people when words will not do. He said he and all Washington hoped the stay would be so pleasant that the society would come every year to this, its legal home, in the month of August, and help to spread the city's fame as a summer resort. (Laughter; it was only 98 degrees in the hall and not a breath of air stirring.) He spoke of the interest the trade has in the present plans for the beautifying of the city named for and planned by George Washington and closed by presenting to the society a gavel made from wood of a laurel planted at Mt. Vernon by Washington and LaFayette.

Mr. Freeman then introduced Assistant Secretary of Agriculture Hayes, to speak in the unavoidable absence of Secretary Wilson who was at Chicago. Mr. Hayes spoke of the strong fellow feeling between the Department and the florists, expressed Mr. Wilson's interest and asked all to visit the Department and see what is being done. He spoke of the pioneer work the florists have done in intensive growing and told of the great wealth created by the application of the florists' exact and scientific methods to the larger field of agriculture. He predicted for the florists' business a great rise in importance to all the people of our country.

Mr. Freeman then introduced J. A. Valentine, of Denver, who spoke briefly but very appreciatively of the welcome extended the society. He spoke of the high appreciation in which the trade holds the Department of Agriculture and assured the assistant secretary that the craft judged lightly certain recently published stories for which the official had asked that no more be thought of it than if the shortcomings related to an equally complex private industry. Of the Commissioner he asked equally light judgment in case any of the members became intoxicated with the warmth of the welcome given us.

President J. C. Vaughan was then introduced and received a splendid greeting at the hands of the members. After a few words of thanks for the reception given him he read his annual address, which was as follows:

President's Address.

At this twenty-first convention and in the presence of many who were with us in 1885 a story well worth hearing could be told of what we have accomplished. This story of earnest work by many, on many lines which made our society a remarkable one in the first

few years of its history, should some day be written for us. But as your president, I have too large a conception of our future to devote the time, which your custom gives me, to a backward view. If we made a wonderful advance in the first five years of our existence, what may not our younger members accomplish in the five years which begin today?

Our Opportunity.

There never was a time in our history when opportunities for exploiting our business were greater than today; never a time when the public was so eagerly interested in horticulture and floriculture; never a time when there were so many patrons of floriculture. Nor is this interest a narrow one. It considers the use of horticulture beyond the decoration of private grounds and is alive to its uses in all public ways.

Therefore, I shall emphasize first those lines on which we can work individually and as a body. The individual in his own neighborhood, club, city or state; our society, among clubs, nationally.

Interesting Demand in Plants.

President James Dean said in 1892:

Our advance as a society must be commensurate with and excel the advance of floriculture, which, during the past twenty years, has been phenomenal. The trade has now assumed colossal proportions in America. The efforts of our members have brought floriculture today to be a leading industry of the country.

How true then, and how true today. We have made wonderful progress in caring for the advance of floriculture on cut flower lines. The production of flowers to meet the public demand has been far beyond the expectations of the most sanguine. With few exceptions, in all states of the Union, our members seem to be keeping pace with this growth. But there has grown up within the past three or four years, and more especially within the last year or two, an unusual and general interest in plants. Not that the use of cut flowers has lessened, but the public has decided to have horticultural homes, to live among plants, shrubs and trees. This is the demand we must care for today or we will not come into our own. The public rightfully expects this of us and will reward us with a liberal patronage. I am not sure that we appreciate this as fully as we should..

Vice-President Theodore Wirth, superintendent of Hartford, Conn., parks, gives us earnest advice in his state report of 1904:

The cultivation of the taste for flowers and decorations has become universal. It most decidedly has, and I am not only bold enough to state that the tendency of the public in that direction is greatly due to the influence exercised on same through the floral displays, decorations and cultivation in up-to-date public parks and private grounds, but claim that but a small percentage of the commercial florists of today, both growers and dealers, are ready and prepared to take advantage of the demand stimulated and created through same to their benefit. Hundreds of visitors to our parks want to know where they can procure that or the other plant, all easily grown and adapted to our climate, and when they are given the addresses of our florists they come back and say that those florists don't grow them and don't know them.

If the local florists would aim to keep step with the times by growing such novelties as are proven to be meritorious introductions and which the public want, they would to their own advantage secure a home trade in place of forcing same into the hands of unscrupulous, swindling, fake drummers, that go around the country collecting good money for false, worthless goods.

Our Art in Public Improvements.

A large section of civic improvement work now depends upon the use of our products. Our art is most applicable and available for this purpose. It is used in streets, parks, vacant lots, children's play-grounds, etc. The awakened public interest in horticulture has increased the demand for our aid broadly in this direction. This is our great good fortune and is our opportunity. This favor shown to our profession by our best citizens should be our inspiration. It should cause every florist to join or lead all movements for civic improvement work which have in their scope the use of horticultural products, not for pecuniary advantages that may come directly or indirectly, but for the better reasons that horticulturists can handle such matters intelligently and efficiently, and because they cannot afford to allow any other class of their fellow-citizens to precede them in applying their art to the betterment of mankind. If they have noble opportunities in their chosen pursuit let them be foremost in putting them into practice.



Wm. F. Kasting, President-Elect Society of American Florists.

Begin Improvements at Home.

J. Horace McFarland, president of the American Civic Association, writes:

The Society of American Florists at the Washington convention should co-operate with our association by asking its members to clean up and develop their own places as examples to the communities in which they live. Calling to mind the various floral establishments you have seen, you will remember that many are dirty and unkempt. Sometimes there is a little ornamental front gate and show greenhouse, back of which is an ill-looking potting-shed banked up with rubbish of various kinds. Thus have the florists themselves by dirt and disorder often belied their own profession as beautifiers and decorators. The platform of the American Civic Association is "a more beautiful America," and there should be no people in all the country who are so much in line from a business standpoint as those connected with the horticultural trade.

Many of us can confirm with regret Mr. McFarland's words. There is much for us to do in this direction. We must not only clean up, repair, and paint, but we must burn or bury the rubbish, and we must do more. We must have room for perennials and shrubbery as well as bedding plants in and around our establishments; we must have varied and beautiful window boxes and plants in tubs. These groups of shrubbery, these boxes and potted plants not only decorate our surroundings and make them examples, but from all of these, sales may be continually made and the stock continually replaced. Thus instead of making our betterments an expense we make them a source of added income.

President Lonsdale in 1895 on this line said to you:

The florists' business is something more than the cut flower trade. There is the beautifying of gardens and grounds, much of which comes under the care and suggestion of florists and gardeners. But the first thing every wide-awake florist will do is to beautify his own home and surroundings. It is positively necessary for us to have examples of everything that is good and grown in the most attractive and best possible manner if we would have the desired effect on our surrounding neighborhood.

The Press a Great Aid.

You have all seen the increasing space given to horticulture in the public press. The ablest editions of our metropolitan Sunday papers are alive to the public interest in gardening and not only buy syndicate sheets of horticultural news

but employ able writers on special subjects. They are more than ready to receive reliable information of this class. They will gladly print free of charge all gardening news and cultural information we will supply them and such articles could be made of great general good to our trade everywhere.

I find that President Lonsdale in 1895 recommended a press bureau to be attached to the local societies to supply monthly, weekly and daily journals with reliable news and cultural notes. A bureau once established would immediately become authoritative on these questions and would rid us of the exaggerated statements now freely circulated in irresponsible journals, often of such a nature as to make our best people skeptical regarding all horticultural news.

National Council of Horticulture.

This society is asked to be one of six or eight societies to contribute toward carrying forward the work of floriculture in a National Council of Horticulture, whose objects are stated as follows:

To fraternize and concrete the horticultural interests of North America.

To consider the questions of public policy and demonstration which are common to these organizations.

To act as a bureau of publicity in the interests of reliable information pertaining to horticulture in its broadest sense.

It is expected that the nurserymen, seedsmen, pomologists and other societies will co-operate.

I suggest the appointment of a committee to confer with the council, with power to co-operate if in their judgment the plan is practical and advisable.

Exhibitions the Great Uplifters.

President John N. May said August 20, 1889, at Buffalo:

We should do all we can to advance and extend public exhibitions. They are not only educators of florists but of the whole public at large. As workmen we must keep abreast of the times and the best possible opportunity for us to do so is to meet and freely discuss all matters of interest.

President Robert Craig said at Chicago in 1887:

When an exhibition is attempted, every gardener and florist in the neighborhood should, as a matter of personal pride and duty, do his part in the work. It is often complained that the public does not sufficiently appreciate the floral shows. Is it not because they are so frequently unworthy? If we open to the people a good show, we can depend upon moral and financial support.

With the recent great awakening of public interest in floriculture we have all seen the tendency of the promoters of various charitable and other enterprises to make prominent the floral sections of their bazaars, or even to institute, on behalf of some worthy society or charity, a so-called flower show. This tendency is particularly noticeable in California and there is need of emphasizing President Craig's counsel of 1887. Should it not be the duty of every local florist or gardener wherever an exhibition is attempted under the banner of a flower show, to come forward and insist that the affair be a creditable one, since we all know that every exhibition of this kind, if poorly carried on, is a direct reflection on every local member of our profession. We are, in the public mind, held responsible. It follows, therefore, that we must take hold and have it properly exploited, or deferred until such time as it can be creditably carried out. Otherwise, future exhibitions in the same locality, undertaken by our craft and with our best efforts, will be discredited by the public because of the fake shows which we have without protest allowed to be undertaken.

Horticulture in the Public Schools.

At Boston, in 1890, President J. M. Jordan said: "No school of recognized ability to graduate a pupil should leave out of its curriculum books teaching the fundamental lessons in horticulture, and even our common schools should teach the rudiments of this art."

President Lonsdale in 1895 recommended the study of botany in the public schools in the primary grades. In this connection Prof. J. F. Cowell in 1895 wrote:

I have been in position to watch from the beginning the efforts to establish "nature study" as a part of our public school curriculum. This teaching, which was taken up but a few years ago in our educational centers, is spreading rapidly, and one can see already some of the results. Not only have the children a better understanding of Nature and her products, but by the methods employed in teaching they come to love the plants which they care for and to appreciate in some degree their value, the laws which govern their growth and the loss entailed by their destruction. Now I believe that when these children come to be men and women we shall see flower lovers more abundant and garden makers more skillful than is generally the case now.

Passing these important broad lines of our work in relation to the public, both as individuals and clubs or societies, I now come to those matters which concern us directly as individual members of our society and as a society.

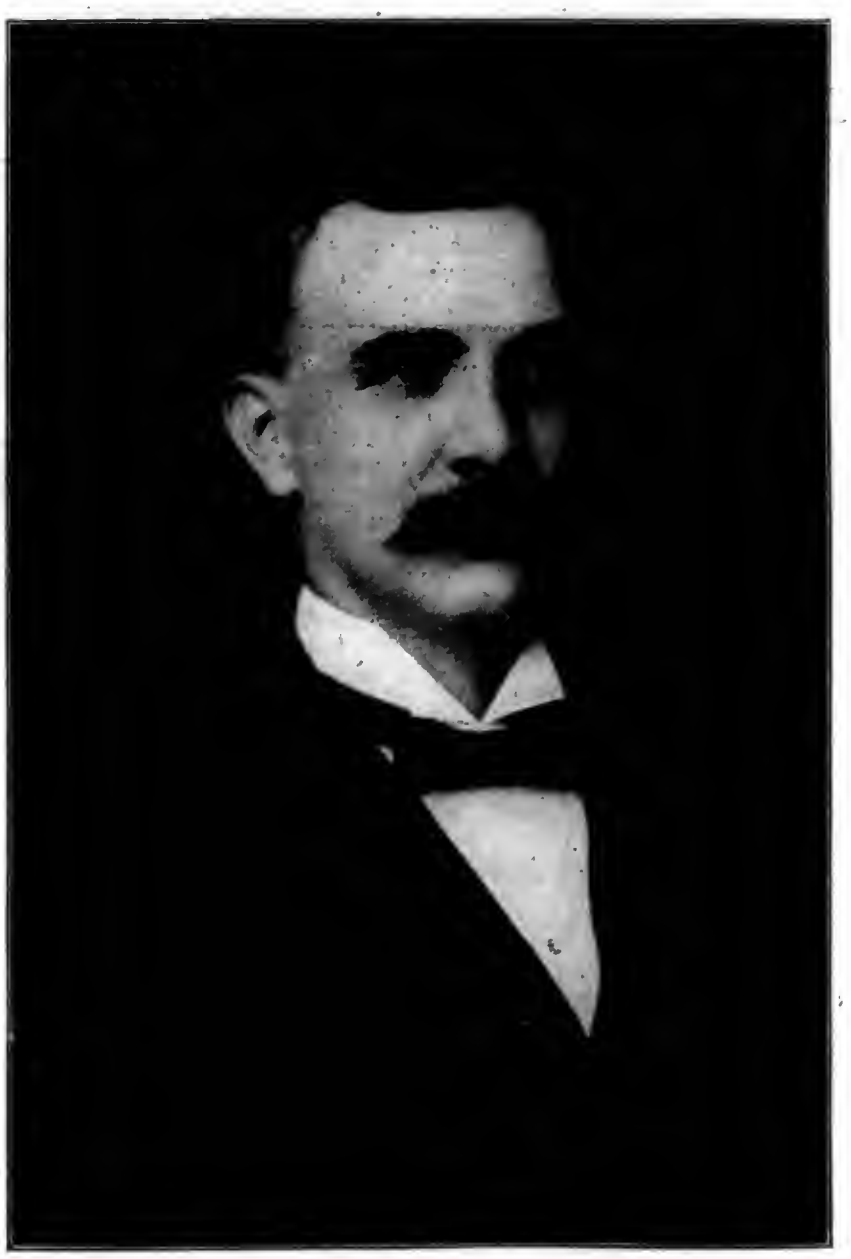
Organization a Necessity.

At New York City August 21, 1888, President E. G. Hill said:

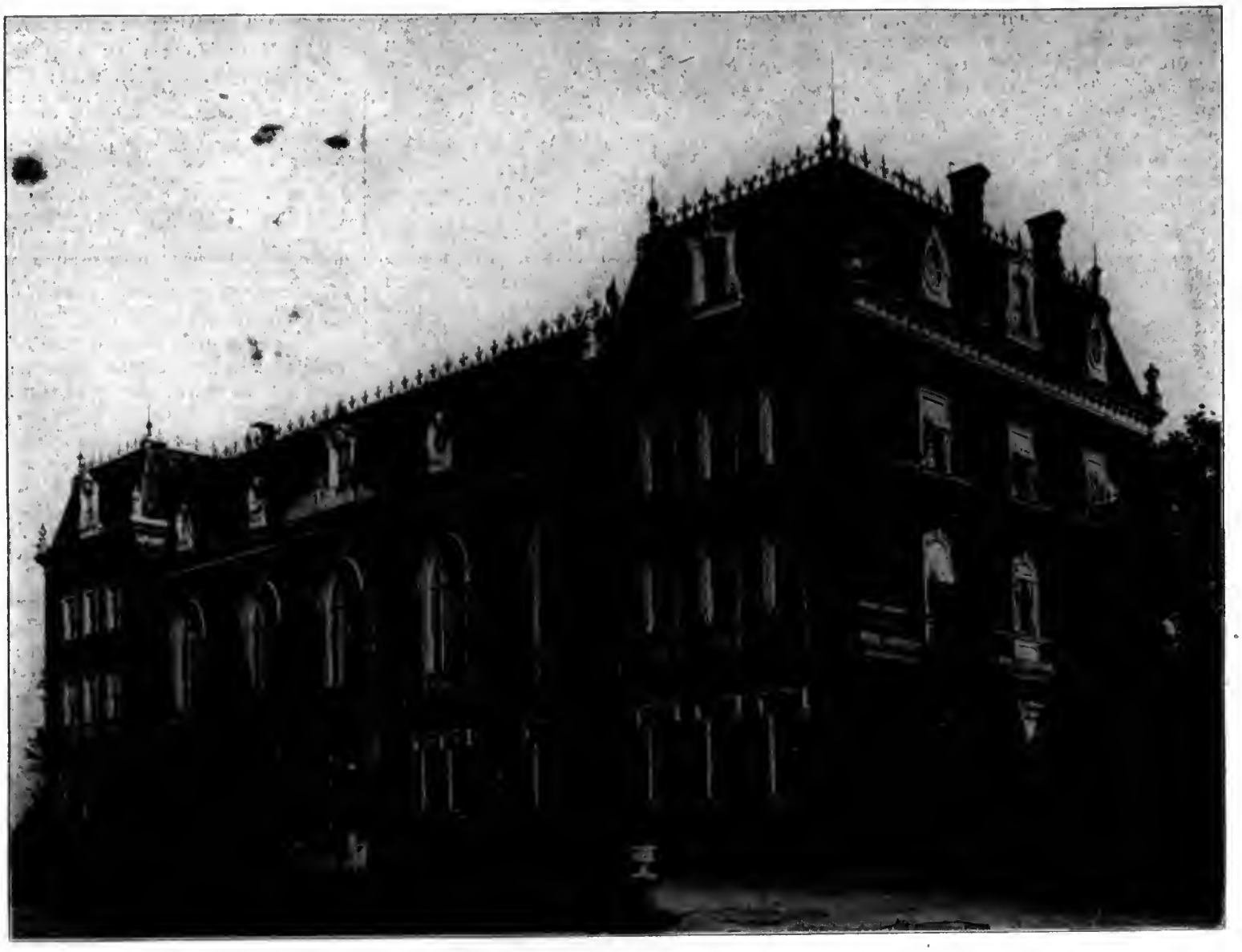
The formation of florists' clubs at trade centers is of inestimable value to every member of such club, doing away largely with trade jealousies and bringing our profession more prominently before the public. The value and need of association is recognized in all professions and in all lines of trade, and none need it more than we in our profession. Associated effort incites our aspirations, begets fellowship, promotes harmony, destroys ignorance, removes differences, prevents misunderstandings and encourages trade. These are some of the fruits of associating together. Then let us renew our fealty to this organization and seal anew our pledge to extend its usefulness.

This society stands publicly as the official head of North American florists and floral societies. It represents every individual and ought, rightfully, to represent every floral organization. If we do the public work in the present and future that we have done in the past, we may rightfully insist that at least two or more officials from every florists' club and society should also be members of the S. A. F.

If the S. A. F. is to secure uniform inspection laws, adjust postal matters, strive for equitable freight classifications, for fair legislation to the direct and material benefit of all, it must not only have the support of membership fees, which is a trifle to the individual, but it must also have the working support of many members. Florists' clubs and societies should send one or more public-spirited working delegates to our annual meetings, instructed as to the public aid which their club desires from us. The expenses of such delegates should be paid by the club. To secure the best results, these delegates



H. M. Altick, Vice-President-Elect Society of American Florists.



The Home of the Department of Agriculture, Washington, D. C.
(Soon to be replaced by a new structure in keeping with the needs of the great organization it houses.)

should be present at our directors' winter meeting as well as at the annual session.

Gardeners as Members.

In 1885, at our first meeting in Cincinnati, President John Thorpe said: "There is a great deal of untrodden ground for us to go over yet and where we can do much good, especially among gentlemen's gardeners and amateurs. There are nearly 2,000 gardeners in the employ of gentlemen who are holding positions of trust and responsibility. These gardeners are always well informed, and would be of valuable aid to the society."

At Chicago, in 1887, President Robert Craig said:

> The society has done wisely in not restricting its membership to any class, but has thrown open wide its doors to welcome all friends of the art. Its chief object is to cultivate in the people of America a taste and love for plants and flowers, and it should endeavor to get into its ranks not only all the commercial florists and those engaged in supplying their various wants, but should exert every effort to interest gardeners on public and private grounds. On this class much depends; to them is entrusted a great work in the advancement of horticultural taste, and if it be intelligently done they will, in the growing appreciation of the American public, find due encouragement.

I have read many extracts showing the foresight of our officers along the lines of the growth of this society which we have seen developed, but only in the words quoted from President Thorpe and President Craig do we find even an intimation of the great help coming to our hands from the public and private gardeners. While we have all realized what wheel horses they have always been in most flower shows, we have not been prepared for the enormous increase in their numbers, nor have we realized that because of these increasing numbers, the great importance of their work, and the large expenditures of money under their direction, they must make themselves felt in our various clubs and societies.

I wish to call attention to the fact that many of our strongest gardeners' and florists' clubs today from Massachusetts to California are dominated by live workers from public institutions and private estates. There are among them many who are able and ambitious and whose employers encourage participation in everything that belongs to horticulture.

These brothers of ours are not only strong in clubs in our trade centers, but they are organized in smaller suburban towns where the membership is almost exclusively their own. The Society of American Florists must have their support. They must consider our society their national representative. They must be members and be represented at its meetings. Our annual convention programme must contain matters of vital interest to them. Our auxiliary societies, which are maintained by loyal members of this society, must consider the welfare of these gardeners and provide opportunities for their co-operation in the rose, carnation and chrysanthemum societies.

The question mentioned elsewhere regarding favorable membership rates for club members in good standing must be carefully considered by your committee with relation to these gardeners' clubs. The visits of our officials as suggested elsewhere will be heartily welcomed by those now active and the new ones constantly forming. Knowledge of the management and development of these clubs which our officials can supply will bind the new organizations to us with strong and lasting ties. The necessity of an official representative of our society, whose whole time is thus occupied is best seen in this rapidly developing section of our affairs.

Society Work Between Conventions.

The very life of the society lies in its membership, and recognizing that we are not growing as we should, or in proportion to the growth of horticulture, I offer the following suggestions that seem practical to me and worthy of the consideration of the committee which I believe should be appointed and which should report at an early session.

President Anthony said in 1894:

> The secretary should receive such compensation for his services as would enable him to devote his whole time to the interests of the society. There are innumerable ways in which a paid officer could be of benefit to the society.

We must have more time from one of our executive officers, presumably the secretary, and probably not less than six months of his time, that he may visit once or twice a year by appointment, if possible, all horticultural societies, florists' and gardeners' clubs, nearly all of which this society may rightfully represent in a national way. It is certain that such visits would not only bring to the society a larger fund from increased membership than would cover his additional salary, but further, such visits made in company with other

officials, state vice-presidents or members of our board of directors, would result in great good and enthusiasm to the societies themselves.

The secretary could suggest the best method of club work, could explain the forward movement of the S. A. F., on new or old lines, and could keep in close touch with the needs and opinions of the trade. On such occasions our membership could and would be increased.

It being conceded that the greatest possibilities for increase in members and in interest in our society lie in the florists' clubs, I suggest for your consideration that members of these clubs in good standing be admitted to membership in the S. A. F. at a reduced rate, the dues for such local clubs to be remitted by the secretary of these clubs not later than July 1 of each year. Your committee on closer relations at Pittsburg in 1895, Messrs. Esler, Hill and Beatty, recommended that the officials of our society endeavor to arrange for the admission of florists' clubs and members of the Florists' Hail Association to the Society of American Florists by the payment of a certain gross sum which should entitle each member of these clubs and associations to a yearly membership in the society, said sum to be fixed annually. This is in line with my suggestions. It is worthy of your consideration that our society also admit all members in good standing of the carnation, rose, chrysanthemum and other like societies at a reduced rate.

As I believe the leading officials of these kindred societies are present today, our committee to consider these matters might be made large enough to include one of their representatives. Hear what President Wood said in 1900:

Our members should be constantly thoughtful and active for the society in obtaining new members, soliciting every one who trades with them to become a member of the society, following the example set by that distinguished horticulturist, C. M. Hovey, of Boston, when he was trying to extend the Massachusetts Horticultural Society. He and his superintendent and clerks solicited every person who came to his nurseries or greenhouses to become a member of that society. In this manner I became a member at the age of 24.

Practical Education.

This subject has been referred to a number of times in the history of our society and I can only repeat the conclusion that our work should be done through some of the universities already established. The states of New York, Massachusetts, Michigan, Missouri, Indiana, Illinois and probably others, contain universities which afford fairly good opportunities for horticultural education.

If the treasury of this society contained a somewhat larger permanent fund, or if some of its well-to-do members would combine and contribute to such a fund, the society might well endow a chair of practical floriculture in some of the already established colleges or universities, or it might provide for practical lectures to be given at certain times during the year at one or all of the above named universities.

I would suggest that should you at this time see fit to appoint a committee to consider the subject of promoting the adoption of a text book on plant life in our primary schools, that this last question can well be left with the same committee.

Something Besides Book Learning.

John N. May said in 1899:

It is a deplorable fact that many graduates from agricultural and horticultural institutions, although well versed in the theory, are lamentably deficient in practical experience.

A vice-president of our society in a great horticultural center, himself a leader, says: "Our business is just at the dawn. Why, we haven't started." He said further: "I am sure you can do nothing better at Washington than try to inspire our young men. Say to them, foundation of success is honor, next patience, do your work well, do it a little better than the other fellow. Know that you can do some one thing, if only one. That is the first requisite. Let the young man be able to say definitely, I can do this."

Of five agricultural college graduates tried by him, all failed. They were bred and trained away from the actual doing of the work. They were trying to direct working men to do that which they themselves could not do well.

Build on Right Lines.

The awakened interest in floriculture means that many customers, and the best ones, are seeking information, the names of flowers and plants, how they grow, their care. You are looked upon as trained horticulturists. Your ability and willingness to supply information help to lay a broad foundation for your business. There are, as you know, some shops bearing florists' signs whose owners handle our produce simply as merchandise, without technical knowledge. They not only cannot tell the customer what he may wish to know, but they purposely mislead or exaggerate. While such misinformation reacts mainly on themselves, the effect is bad for the trade generally. Chemically colored or distorted flowers are also to be avoided. You "magnify your office" by freely yet carefully dispensing this knowledge. You acquire a reputation among business men in your community by your ability to supply this information. Books of reference in horticulture at hand which the customer may look over at a convenient desk are a benefit; books on gardening may be given out. The telling of how to do these things passes on to others and to your credit.

A Field for Women.

President Norton said at Toronto:

We should not forget the ladies! I would recommend they be given an opportunity to enter the business. Their correct taste and their aptitude for recognizing the beautiful in form and color make their services desirable as artists and designers, where harmony of color is so essential. There are many women today throughout the country who are doing a profitable business on their own account, and there is room for many more in an occupation which is so appropriate and pleasant, and for which they are so admirably fitted in refinement and taste.

While quite a percentage of our retail flower stores for many years have been owned or have been actively cared for by women, more recently they have taken up the work of house decoration. This is particularly the case in the Pacific



Congressional Library, Washington, Where One of the Convention Receptions was Held.



Partial View of the Trade Exhibits Staged in Masonic Temple.
(At the Washington Convention, August 15 to 18, 1905.)

coast cities, where their business is of sufficient importance to require well equipped shops on good streets. There are further good opportunities in horticultural lines for women with business tact who are willing to take the time to equip themselves with a thorough horticultural education. Landscape gardening, for instance, is an almost untried field for women, although there is no good reason why with training they should not make it a successful and lucrative profession.

Tariff Hardships.

The high protective tariff on glass, flowering bulbs and plants has frequently been complained of by many of our members, but without effect, and many of those who have labored hard for relief in former years have finally abandoned the case as hopeless. I am glad to see at this time that help seems to be at hand. The continued enforcement of a high and arbitrary tariff, which in many cases causes annoying and vexatious details for both seller and buyer, together with fines and arbitrarily increased valuations, have borne their natural fruit and various foreign countries are meeting us more than half way with high tariff rates for merchandise which we have been selling liberally abroad. Further, they are placing duties as high as seventy-five per cent against goods received from countries whose known protective tariff is excessive, and are making the duties as low as fifteen per cent when the tariff of such countries is moderate.

This legislation is evidently aimed at the United States, and the Merchants' Association of New York is alive to the dangers threatening our export trade and demands reciprocity treaties which will do justice to all countries.

It would be well for our legislative committee to give all possible aid to such associations, that our own burdens may be lessened.

At Detroit in 1899, Patrick O'Mara, chairman of your legislative committee, recommended that specific duties be asked on plants and bulbs instead of the present system of ad valorem duties. He also recommended that our legislative committee act with the nurserymen in these matters.

Postal Reform.

For our members who print catalogues and mail their wares, and their number and percentage is increasing, this is perhaps the most important national matter affecting us. It seems reasonable that the third and fourth class matter should be combined on a basis of one cent for two ounces. We should have a bulk rate per pound for catalogues without the per ounce weight limit which now compels us to trim each catalogue to exact fraction, with no gain to the government.

Lastly, we should have a trial of the parcels post. Many of those who have given the subject much study and who know its workings, are firm believers in it and it certainly seems well worth while to give it a trial. Each member could write his congressman concerning these reforms and could induce others to write also. We ought to encourage our legislative committee by pledging ourselves at this meeting to give such support. The seedsmen and nurserymen, the agricultural implement association, and other strong national associations are with us. This is the time to act.

State Aid on Experimental Lines.

President Rudd said in 1899:

> We are not as a class receiving from the experiment stations—institutions established and conducted with public funds, and for the public good—those benefits to which we are entitled. For this state of affairs no one is to blame but ourselves. We have neglected to make our wants known in an intelligent manner, and have not accepted gracefully what little work has been done in our behalf.

The state of Illinois expends from $10,000 to $20,000 per year on experimental work in horticulture, most of which has been applied to pomology. Other states are no doubt following the same lines. Our local horticultural societies may rightfully demand appropriations for experimental work in floriculture, or a share of the appropriations already made. The volume of our business and the amount of capital now invested in commercial floriculture entitle us to this consideration. Plant diseases, fertilizing experiments, storage of cut flowers, etc., need careful experimental work.

That Permanent Home.

I do not find that the committee appointed to report on this subject ever reported. If as President Breitmeyer said at St. Louis: "We should keep this idea alive even though its accomplishment be far distant," we should perhaps have a standing committee to have this subject in hand. We can surely do nothing without one.

Arbitration.

In 1898 your society established this department on recommendation of your executive committee. Their duty as

stated at that time was to promote amicable adjustment of controversies between members when requested by interested parties to do so. The five members of this committee are to be appointed by the president and approved by the executive committee. If it is still your wish to carry forward this department as shown by your records, probably it should be revived by a motion and a vote.

A Spring Flower Show.

President Gude at Omaha in 1898 said: "You should let your light to shine before men that they may see your good works. If London can produce monthly a great flower exhibition there is no reason why America could not have annually at some great metropolis a flower exposition wherein the whole country could join; and before concluding I trespass this suggestion upon you that steps be taken here at this meeting to carry out this idea."

State Vice-Presidents.

I urge upon state delegations to choose only members for state vice-presidents who are known to be workers in matters of this kind. The empty honor is of little value to him who receives it, while neglect of the society's interests is disastrous.

Our Sports.

The present division of time among the varied interests at the annual convention was brought about, after the most careful consideration. A liberal portion of the available hours has been given to our bowling and gun clubs. We must not disparage these features of our meeting. Those kindly spirits among us who are active in these recreations are generally rich in those elements of human nature which help to make life worth living. But it must be borne in mind that our organization convenes but once a year. Its existence depends on a certain amount of careful deliberation as a body. Questions vital to its advancement are to be decided and to do this we require and must have the careful judgment of our best minds after frank discussion. That ability which can carry forward the various sports and interest our members in them we ask to be devoted also to the public sessions. Men prominent in our affiliated societies, the carnation, the chrysanthemum, the rose, the peony, can aid us in the same way. Then we in turn shall rally and interest ourselves in their gatherings.

Merchandising at the Convention.

The display of plants, florists' requisites, building models, heating and ventilating appliances and of the many articles of merchandise have always been a feature of these conventions and have always paid their way. But many of our commercial brothers, as well as some of our sporting friends, we must admit have not always honored our sessions with their presence or their business counsel, which we need. Now I hold that both those who lead in our recreations and those who solicit the attention of the large gathering of buyers here assembled, are in honor bound to attend these sessions of the society so necessary to carry it forward and without whose successful management there will be neither bowler, nor buyer, nor seller to be found.

For the General Welfare.

I must not close without paying tribute to those earnest and loyal men who have made and held together this body. Never was more patriotic work done in any cause. The locked doors were then opened; the wise lips unsealed; the skilled hand directed the beginners.

These earlier years illustrate the great success possible where all are actuated by a single purpose for the upbuilding of the organization itself. In those years our officials were selected from those who had made record for efficient and disinterested service on behalf of the organization. In more recent years with the broadening of our lines of work, and the increasing number of enterprises which seemed to place personal prestige before the general good of the society, we find apparently less whole-souled effort for the direct benefit of the organization, more inclination to criticism. We do not see the frank and open consultation which we should have on all subjects with a willingness to leave the final settlement to the arbitration of the entire society. This tendency to internal and factional differences, which those who promote them are unwilling to exploit in public before the entire body of our members, is certainly to be regretted and I hope that at this session the voice of the convention will be heard placing loyalty to the society above all personal likes or dislikes, all petty or private schemes.

If there are those among us who deem our present line of work unwise and leading in a wrong direction, let them frankly bring forward such opinions in our sessions, that we may with a full and free interchange of views settle them amicably and be started forward again with that strong impetus of the earlier years of the organization.

The address was referred to a committee consisting of Messrs. Hill, Craig and Esler.

At the conclusion of the president's paper a large part of those present started for the door but were stopped by Mr. Gude, who announced the reception of the evening and stated that the president and the directors invited all to accept their hospitality at any time at the Rathskeller.

Onee more the erowd started but the



Partial View of the Trade Exhibit Staged on the Lower Floor at the Armory.
(At the Washington Convention, August 15 to 18, 1905)



Partial View of Trade Exhibits Staged on the Upper Floor of the Armory.
(At the Washington Convention, August 15 to 18, 1905.)

president held them in check until a decision could be had on the question of adjournment. It was voted to go on with the work of the society as arranged and most of the men stayed but the ladies sought the outer air.

The report of the secretary was then read, as follows:

Secretary's Report.

The records of your secretary's office disclose a period unusually free from sensational incident in the year that has passed since we turned away from the glories of the great exposition and the allurements of the Pike and said farewell to the brethren of the World's Fair city, whose untiring kindness had been so incessantly manifested during our stay with them. In the absence of more strenuous duties the zeal of your officers has found expression in an earnest effort to promote widespread interest in this convention and exhibition and bring out the largest possible attendance from all quarters.

The usual executive board meeting was held last April in this city. The program which you have before you, differing in some degree from the type of those arranged for past conventions, was the outcome of a feeling that it would be wise to give attention at this time to topics of broad horticultural interest and to avail ourselves of the advantages presented in the co-operation of the U. S. Department of Agriculture so freely proffered by its able and courteous officials. One new feature which has excited much interest is the prize essay competition, on which a report will be presented by the judges at the morning session of Wednesday.

The statistics of the year are as follows: The number of names on our published membership list for 1904 was 887, of whom 783 were annual and 104 life members. This included 118 annual and 32 life members who had been added or reinstated during the year. These 150 new names should be credited to the various states as follows: Florida, Louisiana, New Jersey, Oklahoma, Rhode Island, Tennessee, West Virginia, one each; Alabama, California, Kentucky, Maryland, Massachusetts, South Carolina, Wisconsin, Manitoba, two each; Colorado, Kansas, Minnesota, Texas, three each; Indiana, five; District of Columbia, seven; Pennsylvania, eight; Michigan, nine; Connecticut, ten; New York, thirteen; Ohio, fifteen; Missouri, twenty-three; Illinois, twenty-five.

The following named members have been taken from us by death since our last meeting:

W. A. Ingram, Manchester, N. H., August 20, 1904.

C. B. Derthick, Ionia, Mich., December 23, 1904.

D. Newsham, New Orleans, La., January 15, 1905.

Charles T. Siebert, Pittsburg, Pa., March 7, 1905.

F. H. Beard, Detroit, Mich., March 20, 1905.

A. Whiting, Hartford, Conn., May 5, 1905.

W. S. Davis, Purcellville, Va., May 24, 1905.

T. Hinchliffe, Racine, Wis., June 11, 1905.

Registration of names of new plants has been made since last report, as follows:

August 27, 1904—Sweet peas: Bridesmaid, Flora Norton, Evening Star, Nymphaea, Speckled Beauty, Sunrise, Sunset, Mrs. George Higginson, Flora Fraser, by Vaughan's Seed Store.

October 1, 1904—Dahlia Sylvia, by Vaughan's Seed Store.

October 4, 1904—Cannas Chappaqua, Black Beauty, Chameleon, Indiana, Wyoming, Juniata, by Conard & Jones Co.

October 13, 1904—Aster Vick's Mikado, by James Vick's Sons.

November 10, 1904—Chrysanthemum Mrs. Eglinton, by W. J. Lawrence.

November 23, 1904—Chrysanthemum Mrs. A. Klokner, by Alexander Klokner.

December 29, 1904—Carnation Mrs. W. L. Lewis, by W. L. Lewis.

December 31, 1904—Cannas Hon. W. R. Hearst, Senator Hanna, Mrs. John A. Logan, by H. D. Seele.

January 14, 1905—Carnations Mikado and Pink Patten, by Patten & Co.

January 14, 1905—Pillar rose, Garden's Glory, by Conard & Jones Co.

February 25, 1905—Nephrolepis Bostoniensis Mauffii, by A. E. Mauff.

June 12, 1905—Roses American Pillar and Birdie Blye, by Conard & Jones Co.

July 10, 1905—Zonal geranium, Mrs. Richard F. Gloede, by Richard F. Gloede.

July 14, 1905—Nephrolepis Amerpohlii, by Edward Amerpohl.

July 25, 1905—Zonal geraniums, Kenilworth and Illinois, by R. F. Gloede.

August 11, 1905—Zonal geranium, Tiffin, by Lewis Ullrich, Tiffin, O.

Medals have been distributed as follows:

February 17, 1905—Through the American Carnation Society, a silver medal to J. D. Thompson Carnation Co. for Carnation Robt. Craig, and a bronze medal to H. Weber & Sons, for Carnation My Maryland.

March 11, 1905—Through the Cincinnati Florists' Society, a silver medal to R. Witterstaetter, for Carnation Aristocrat, and a certificate of award of bronze medal to H. Weber & Sons for Carnation My Maryland.

The problem of how to increase our numerical strength has wisely been given

prominence of late. Even at the risk of appearing to overlook fundamental requisites your secretary has long since become disciplined to the idea, that the best evidence of health and prosperity for the society is found in the length of the membership list and the size of the treasurer's balance, and that whatever contributes to the attainment of this condition is an asset, that must not be despised. In considering this vital question of membership a recapitulation of some of the secretary's records may prove both interesting and enlightening.

At the convention of 1889, at Buffalo, the first year in which the $3.00 annual assessment went into operation, we find that the number of members who paid for that year was 827. For 1890, the year of the Boston meeting, the number was 926. In 1891, Toronto, the figure dropped to 827; in 1892, Washington, it was 829; in 1893, St. Louis, 685; in 1894, Atlantic City, 617; in 1895, Pittsburg, 547; in 1896, Cleveland, 551; in 1897, Providence, 524; in 1898, Omaha, 436; in 1899, Detroit, 535; in 1900, New York, 719; in 1901, Buffalo, 739; in 1902, Asheville, 639; in 1903, Milwaukee, 745; in 1904, St. Louis, 711. These figures are inclusive of life membership.

The printed list published each fall should not be taken as an index of the number of members in good standing for the year the list is issued. It is true that the by-laws stipulate that dues shall be paid in advance but it has been customary to carry on the roll until the end of the year, the names of all members in good standing up to January 1 of that year and crossing off on December 31 the names of all those who have failed to qualify during the year. The percentage of lapse in recent years is about 15 per cent from each annual list. Not all these members are permanently lost, however, for there are many who choose a fluctuating allegiance, paying the $5.00 initiation fee in those years when they find it convenient to attend the convention. Broadly it may be said that our membership swells when we hold meetings in the populous centers, shrinks when we select locations smaller or more remote from those centers, and fluctuates as to its sectional preponderance in accordance with our movements, a series of meetings in one section building up the list locally at the expense of the section neglected; and this will always be true regardless of what we may say or do.

Of the 783 annual members whose names appeared on the printed list of 1904, 155 failed to meet obligations as to dues for that year, consequently, on January 1 their names were stricken from the roll. It may be of assistance in the consideration of ways and means for enlarging our permanent membership to know the localities in which these lapses occurred. The loss is divided among the states as follows: Alabama, California, District of Columbia, Florida, Georgia, Indiana, Nebraska, New Hampshire, Rhode Island, Texas, one each; North Carolina, two; Connecticut, Maryland, two each; Kentucky, Missouri, three each; Massachusetts, four; New Jersey, five; Iowa, seven; Minnesota, eight; Wisconsin, Pennsylvania, fifteen each; Michigan, sixteen; Ohio, nineteen; Illinois, New York, twenty-two each. Offset against the additions in these respective states we find the net result for the year 1904 to be as follows: Net gain, Alabama, California, Tennessee, West Virginia, Oklahoma, one each; South Carolina, Texas, Manitoba, two each; Colorado, Kansas, Illinois, three each; Indiana, four; District of Columbia, six; Connecticut, eight; Missouri, twenty. Net loss, Georgia, Kentucky, Nebraska, New Hampshire, one each; Massachusetts, North Carolina, two each; New Jersey, Ohio, four each; Minnesota, five; Pennsylvania, six; Iowa, Michigan, seven each; New York, nine; Wisconsin, thirteen. Net gain by states, fifty-eight. Net loss by states, sixty-three, giving a net loss to the S. A. F. of five. Conclusions from these figures should, however, be modified by the fact that a few fluctuations are caused by removals from one state to another, also that a few of those members reported as having lapsed last year are liable to insist on paying all arrearages at this meeting.

With the security of a charter and the foundation of a substantial permanent fund, with the support of the most enterprising horticultural firms assured through the instrumentality of the registration department, with the co-operation of the dealers as shown in the splendid exhibitions of recent years and the loyalty of the younger element secured by the recognition of their games and sports at our annual meetings it would seem that now is a good time for a big concerted effort to build up our membership list, and thus make the twenty-first year of the society's existence a banner year in its history.

Treasurer's Report.

The treasurer's report was as follows:

General Fund.

Jan. 1, 1904, cash on hand	$3,136.01
Receipts for year to Dec. 31, 1904	2,756.43
	$5,892.44
Disbursements	2,969.37
Balance Jan. 1, 1905	$2,923.07

Permanent Fund.

Jan. 1, 1904, cash on hand	$2,328.04
Receipts for year to Dec. 31, 1904	491.92
Cash on hand Jan. 1, 1905	$2,819.96

The reports of state vice-presidents were referred to a committee without reading.

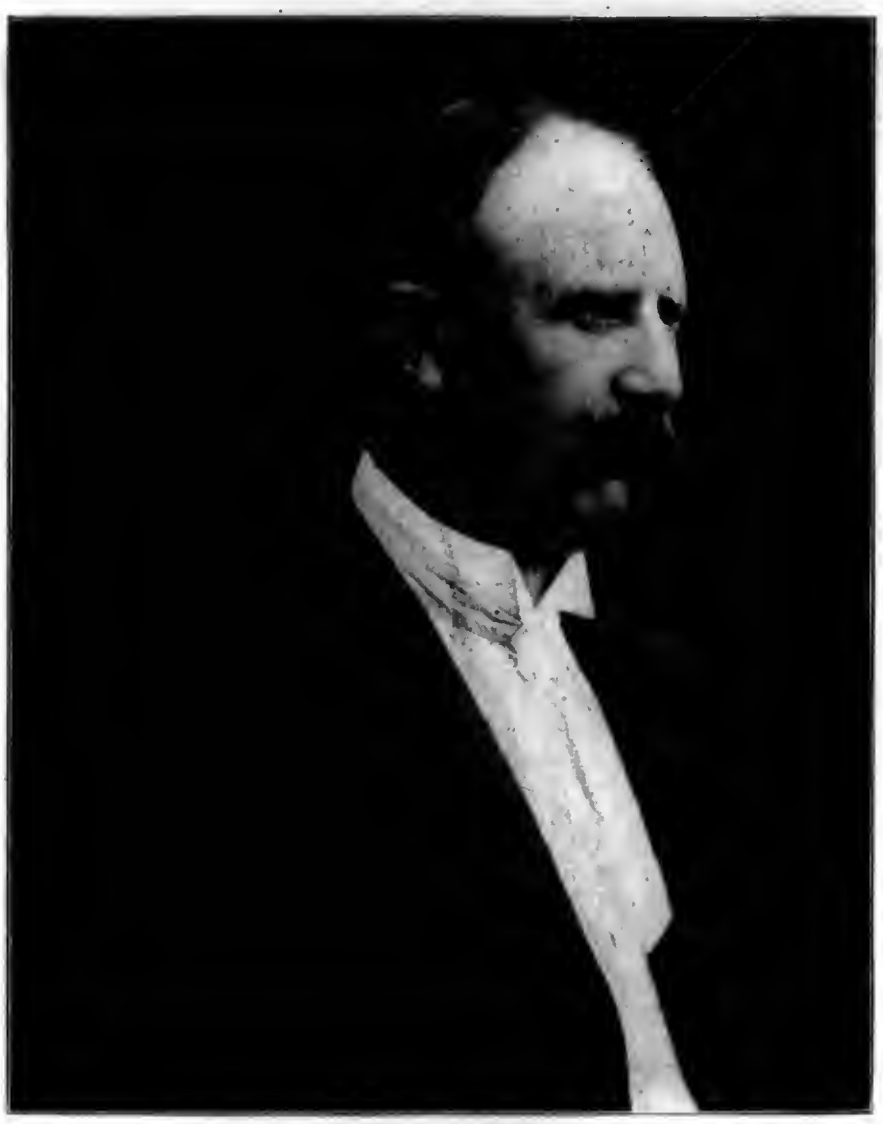
A telegram in fraternal spirit was read from G. A. Robinson, president of the Canadian Horticultural Association, and responded to.

A. T. Boddington, for the committee on Vilmorin Memorial, reported the collection of $112.15 from eighty-nine contributors and its transmission.

It was announced that Messrs. Page and Bolgiano, of the Seed Trade Association, and T. B. Meehan, of the Nur-



Wm. F. Gude.
(President Washington Florists' Club.)



Chas. Henlock, Vice-President Washington Florists' Club.

serymen's Association, were present to confer with the S. A. F. committee on legislation, and the society adjourned.

President's Reception.

The first of the social features of the convention was the reception to President Vaughan. It was held on a brilliantly illuminated lawn and was a distinct innovation and a most decided success upon which the Washington Florists' Club is to be congratulated. The usual reception feature was retained with music and light refreshments, in addition to which there was a barbecue, an ox being roasted over an open fire and served in a fashion new to nearly all and pleasing to everyone. Over a thousand guests were taken to and from the grounds in special cars.

Ladies' Reception and Drive.

The ladies to the number of several hundred, for there were many more in attendance than ever before, were tendered a reception by Mrs. Freeman, wife of the vice-president, on Wednesday afternon. A splendid collation was served in the handsomely decorated store, followed by a carriage ride to Rock Creek and through the many beautiful residence streets of the city. They manifested their appreciation of Mrs. Freeman's hospitality by presenting her with a silver loving cup.

Wednesday's Proceedings.

Wednesday morning was cool and comfortable, there was a large attendance and the real work of the convention was taken up with vim. A communication from H. P. Kelsey was presented dealing with parcels post and commissions to gardeners. Referred to a committee consisting of Frank R. Pierson, J. A. Valentine and Benj. Hammond to act with committees from the Seed and Nursery Associations.

H. A. Dreer, Inc., presented a communication covering the recent action of the classification committee in advancing freights on plants in pots to one and one-half times first class. Referred to J. D. Eisele, F. R. Pierson and Patrick O'Mara to take up with the classification authority.

The matter of affiliating with the National Council of Horticulture was referred to Alex. Wallace, Philip Breitmeyer and Wm. Scott, to be known as the Organization Committee.

Greetings were ordered sent to Wm. R. Smith, Edgar Sanders and the members quarantined at New Orleans, Harry Papworth being the only one present.

F. R. Pierson brought up the matter of a badge book as means of identifying members. It was voted to try it next year.

A communication from the Gardeners' Club, of Boston, relating to closer relations caused animated debate. Referred to the committees on organization and president's address, with A. Herrington and I. L. Powell added.

The judges of the essays in competition for the Beatty prizes announced that of the twenty-three those of S. S. Skidelsky, Henry Eichholz and J. Austin Shaw were the best in order named. The title in every case was "The Ideal Employer."

The judges were Benj. Hammond, Alex. Wallace and Robert Craig.

Dayton, Ohio, was selected for next meeting place, over Niagara Falls, 134 to 63.

Nomination of Officers.

For president, Wm. Scott nominated W. F. Kasting, of Buffalo; John Westcott nominated H. B. Beatty, of Pittsburg; Philip Breitmeyer nominated Lewis Ullrich, of Tiffin, Ohio; J. A. Freeman was nominated, but declined. For vice-president, H. M. Altick was nominated. For secretary, Edwin Lonsdale nominated Wm. J. Stewart; R. Vincent nominated E. A. Seidiwitz, of Annapolis. For treasurer, Edwin Lonsdale nominated James Dean; Mr. Dilger nominated C. B. Whitnall and H. A. Siebrecht named Wm. Scott. Messrs. Esler, Sheridan, Cushman and Asmus were appointed to conduct the election.

Peter Fisher, Wesley Greene and J. B. Nugent were appointed committee on final resolutions.

The committee on state vice-presidents' reports, Messrs. George Siebrecht, Page, Sullivan, Benecke and Shaw, recommended that the state vice-presidents be given additional duties and power to add to their usefulnes; that they be directed to take charge of the work of organizing convention parties in their territory and that they be acked to attend executive committee, annual meetings.

President Vaughan took the floor and spoke of the urgent necessity for action to add to the society's strength. Referred to the executive committee.

The states recommended vice-presidents as follows:

Colorado—J. A. Valentine, Denver.

Connecticut—C. E. Keith, Bridgeport.

Georgia—J. E. Jackson, Gainesville.

Indiana—Wm. Billingsley, Indianapolis.

Maryland—Richard Vincent, White Marsh.

Massachusetts—W. N. Craig, North Easton, and John Abbott, Hinsdale.

Michigan—J. F. Sullivan, Detroit.

New Jersey—John Birnie, Hoboken, and W. C. Turnley, Haddonfield.

New York—W. H. Siebrecht, New Rochelle.

North Carolina—J. M. Lamb, Fayetteville.

Ohio—E. B. George, Painesville.

Pennsylvania—Leo Niessen, Philadelphia.

Wisconsin—F. C. Smith, Ashland.

Ontario—F. C. Miller, Bracondale.

Manitoba—D. D. English, Winnipeg.

Others will be appointed by the next president.

At the close of the session Prof. B. T. Galloway gave a half hour's stereoptieon lecture on the work of the Bureau of Plant Industry of the Department of Agriculture, which was most interesting and for which he was given the hearty thanks of the society.

In the evening Miss Sipe, of the Public School System, gave an excellent illustrated address on the necessity and methods of teaching horticulture in the schools. She was given the thanks of the society.

Wednesday Evening.

Following Miss Sipe's address the question box was opened. Lonsdale, Bisset, Hallock and others recommended summer bedding plants deserving more general use. Of Nicotiana Sanderae E. G. Hill said it was variously estimated in Europe but not likely to be in large demand. J. A. Freeman said he had found it a weed

only and advised not wasting time on it.

On the question of caring for carnation blooms between cutting and marketing, Peter Fisher said to keep them in a cool, airy place but by all means avoid the use of ice. Others commended his advice.

Judges' Report.

The judges, Messrs. Temple, Halstead and Manda, reported as follows on novelties in the trade exhibition: Certificates of merit were recommended for Vaughan's Seed Store for Baby Rambler; Ley & Bro. for Adiantum hybridum; J. L. O'Quinn & Co. for Asparagus tenuissimus; H. H. Barrows & Son for Nephrolepis Barrowsii; Department of Agriculture for cacti and chamædorea; John Lewis Childs for Gladiolus America; Arthur Cowee for gladiolus seedlings; Conard & Jones Co. for Canna Louisiana; E. Hippard for steam trap; Aug. Corts & Son for stake fastener; Cleveland Cut Flower Co. for cement bench; Dillon Greenhouse Co. for purlin; Quaker City Machine Co. for ventilator arm; J. B. Owens for art vases. Bronze medals were recommended for Robt. Craig & Son for Ficus pandurata, and to Louis Wittbold for watering system. High commendation was accorded H. A. Dreer for bougainvillea; Wm. K. Harris and Barrows & Son for Nephrolepis Whitmanii; John C. Moninger Co. for wood gutter; Dillon Greenhouse Co. for zinc glazing strips; Dayton Paper Novelty Co. for embossed boxes; Zanesville Pottery Co. for jardinieres; Lion & Wertheimer for chiffon and violet ties; Schloss Bros. for ribbons and ties; G. C. Watson for lawn mower sharpener. Honorable mention was made of F. R. Pierson Co. for Nephrolepis elegantissima; Breck & Son for plant tubs; Bayersdorfer & Co. for novelties in supplies; Reed & Keller for novelties in supplies; M. Rice & Co. for rose bowls and illuminated post decorations; Heller & Co. for seed cases.

Thursday's Proceedings.

Thursday was another beautiful cool day and one of the most important in the society's history. The joint committee on president's address and organization reported, paying tribute to the evidences of deep thought in the address and made these recommendations: That a committee be appointed to act in the matter of the national council of horticulture; that every gardeners' or trade society be invited to send one delegate to each convention without payment of fees; that private gardeners be given representation on the executive board; that permanent committee on legislation and arbitration be appointed. It was given as the opinion of the committee that a great public spring exhibition would add immeasurably to the strength of the society.

E. G. Hill spoke strongly in favor of such an exhibition as the national ones of England and France. Robert Craig urged such a show as a method of bringing together all our trade societies. After prolonged and animated discussion J. A. Valentine offered a resolution for a committee consisting of the president, Messrs. Hill, Craig, Montgomery and Fisher be appointed with power to add to its number to take up and proceed with the show in the society's name with full power to decide when, where and how it shall be held.

The resolution was adopted and the president at once added Messrs. Herrington, Pierson and Herr to the committee. He then asked Vice-President Freeman to take the chair and the committee retired for deliberation. At the evening session they recommended that the first national spring show be held in Boston in March, 1906, provided a guarantee fund of $10,000 is raised and that in 1907 the show be held in Chicago.

The other recommendations of the committee on president's address were adopted. The committee on joint action with the seed and nursery associations was given power to make such expenditures as are necessary to prosecute the work. A committee consisting of Hallock, Wallace and Hammond was appointed to consider the subject of a horticultural text book for schools.

The papers of S. S. Skidelsky and R. Nicholson, the latter on "Floriculture in the South," were read.

Superintendent Cooke reported on the trade exhibit.

Until the judges of election were ready to report, there was desultory discussion of subjects from the question box.

The Election.

The election resulted as follows: For president, W. F. Kasting, of Buffalo, 156 votes; H. B. Beatty, 85; Lewis Ullrich, 47. For vice-president, H. M. Altick, 211. For secretary, W. J. Stewart, 211; E. A. Seidewitz, 74. For treasurer, James Dean, 136; Wm. Scott, 112; C. B. Whitnall, 21. As a majority is necessary to an election the chair declared no election for the office of treasurer and ordered a new ballot. He invited an appeal from his decision which Mr. Esler made and on motion it was decided that Mr. Beatty hold the office of treasurer for another year.

Thursday afternoon there was the shooting contest, and the ladies' bowling followed a trolley ride in the morning and luncheon at the congressional library. In the evening Oglesby Paul, of Philadelphia, lectured, followed by the closing business session.

On Friday the society is to be entertained in Washington in the morning and in Baltimore in the afternoon.

Kindred Societies.

On Wednesday evening the Carnation Society held a meeting to frame up by-laws for adoption at the Boston meeting.

On Thursday afternoon the executive committee of the Rose Society held a meeting to plan the work for Boston show in connection with the national one, the S. A. F. plans to hold at the same time. On Thursday afternoon the Hail Association listened to a very satisfactory report and re-elected officers.

President's Presentation.

At the close of the convention Presi-



William H. Ernest.

(Treasurer Washington Florists' Club and Chairman Committee on Bowling.)



Peter Bisset.
(Secretary Washington Florists' Club.

dent Vaughan was presented with a handsome memento of the occasion which he will doubtless cherish far more than for its intrinsic value for the words of appreciation which went with it of his able and effective work as head of the society and his success as a presiding officer.

THE TRADE EXHIBITION.

The trade exhibition was so large and so scattered that not all of the displays and their innumerable parts had the attention they deserved. There were many things worthy of close examination and a much fuller description than is here possible. The exhibitors and their specialties were as follows:

Lower Hall.

In the lower hall there were the following exhibits:

Zanesville Pottery Co., Zanesville, O., large line of jardinieres and pedestals.

Quaker City Machine Co., Richmond, Ind., ventilating apparatus.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa., greenhouse structural material.

Cleveland Cut Flower Co., Cleveland, O., tile bench.

Herendeen Mfg. Co., Geneva, N. Y., boilers.

Burnham Hitchings Pierson Co., New York, boiler and greenhouse structural material.

Kroeschell Bros. Co., Chicago, boilers.

A. T. Boddington Co., New York, bulbs, cold storage and fresh importations.

John C. Moninger Co., Chicago, greenhouse structural material.

W. C. Heller & Co., Montclair, N. J., seed cases.

Dayton Paper Novelty Co., Dayton, O., paper boxes.

J. W. Sefton Mfg. Co., Anderson, Ind., paper boxes.

W. J. Boas, Philadelphia, paper boxes.

H. F. Michell Co., Philadelphia, bulbs and a large line of supplies and garden requisites.

H. H. Berger & Co., New York, bulbs, araucarias, azaleas and fern seedlings.

Holly-Castle Co., Boston, appliance for causing water to circulate rapidly in heating pipes.

W. H. Ernest, Washington, D. C., pots and pans.

A. H. Hews Co., Cambridge, Mass., a large line of pots and pans.

Hummell & Downing, Milwaukee, paper boxes.

A. Rasmussen, New Albany, Ind., ventilating machine.

Crowl Fern Co., Millington, Mass., ferns and evergreens.

Geo. M. Garland Co., Chicago, iron gutters.

A. Dietsch Co., Chicago, greenhouse structural material.

Louis Wittbold, Chicago, watering system.

Joseph Breck & Sons, Boston, plant tubs.

E. Hippard, Youngstown, O., steam trap.

Upper Hall.

In the upper hall there were the following exhibits:

M. Rice & Co., Philadelphia, a very large display of supplies, both novelties and staples; ribbons, chiffons, bells, baskets, hampers, wreaths and decorators' requisites.

Reed & Keller, New York, large display of baskets, hampers, vases, vase holders, wreaths and large special wire frames.

H. Bayersdorfer & Co., Philadelphia, a very large display of supplies, including baskets, bells, hampers, pot covers, ribbons, wreaths and wheat sheaves.

S. S. Pennock, Philadelphia, a large display of florists' ribbons.

J. A. Peterson, Cincinnati, begonias, pandanus, Bostons.

Julius Roehrs Co., Rutherford, N. J., palms, ferns, crotons, etc.

Vaughan's Seed Store, Chicago, bulbs and Baby Ramblers.

Henry A. Dreer, Philadelphia, specimen palms, and stock for growing on; rubbers, araucarias, pandanus, ferns and other decorative plants.

Schloss Bros., New York, large display of ribbons, violet cords, etc.

C. D. Ball, Holmesburg, Pa., kentias, pandanus, livistonas, etc.

The Templin Co., Calla, O., Begonia Templinii.

Lager & Hurrell, Summit, N. J., a fine display of orchids in bloom.

D. B. Long, Buffalo, florists' printed matter.

Lemuel Ball, Philadelphia, Pa., kentias, crotons, ficus and small ferns.

In a room by themselves Lion & Wertheimer, New York, had a large display of ribbons, violet ties, etc., including many novelties.

In a room by themselves J. Stern & Co., Philadelphia, had a large display of wax flowers, designs, wreaths, baskets and supplies.

In Masonic Temple.

In Masonic Temple there were the following exhibits:

Henry A. Dreer, Philadelphia, a pond of aquatics.

Siebrecht & Son, New Rochelle, N. Y., palms, ivies, araucarias, dracænas, begonias, ivies, etc.

F. R. Pierson Co., Tarrytown, N. Y., Nephrolepis Piersoni elegantissima and bulbs.

H. H. Barrows & Son, Whitman, Mass., Nephrolepis Barrowsii, also Whitmanii, a dwarf form of Barrowsii.

Wm. P. Craig, Philadelphia, Harrisii bulbs.

Robert Craig & Son, Philadelphia, palms, ferns, cyclamen, Ficus pandurata, crotons in great variety, etc.

John Scott, Brooklyn, N. Y., his usual large display of Nephrolepis Scottii in all sizes, pandanus, ficus, etc.

E. A. Schmid, Washington, aquatics and gold fish.

Corts & Son, Wyncote, Pa., stake fastener.

James Vick's Sons, Rochester, N. Y., asters.

A. Ley & Son, Langdon, D. C., adiantums.

J. B. Owens, Zanesville, O., a very

Arthur Cowee, Berlin, N. Y., a very large line of jardinieres and art wares; large display of cut gladioli of infinite variety.

H. J. Smith, Hinsdale, Mass., ferns and evergreens.

J. M. Lamb, Fayetteville, N. C., native plants.

Joseph Heacock, Wyncote, Pa., specimen kentias, etc.

L. K. Peacock, Inc., Atco, N. J., cut dahlias in variety.

N. Studer, Anacostia, D. C., palms, adiantums, etc.

A. N. Pierson, Cromwell, Conn., palms and ferns.

O'Quinn & Co., Raleigh, N. C., a new asparagus, said to be a very rapid grower.

John Lewis Childs, Floral Park, N. Y., large display of gladioli in many varieties.

Conard & Jones Co., West Grove, Pa., cannas.

Storrs & Harrison Co., Painesville, O., field-grown roses.

L. B. Brague, Hinsdale, Mass., ferns and evergreens.

Department of Agriculture, Washington, D. C., a large collection of new plants including a promising chamædorea species and many cacti; also literature, maps, etc.

The work of staging the exhibits was delayed through various causes so that not all were in place until Wednesday, and there were late arrivals but all are thought to be included in this record.

Bowling Tournament.

The Rathskeller alleys were the best the S. A. F. bowlers ever had for their great annual tournament. Ten cities participated; good rolling was the rule; the contest was close and excitement ran high. When the din subsided it was found that Philadelphia had emerged a victor, winning by a narrow margin from Washington. Philadelphia gets the Beatty and Kasting cups for a year. Beneke, of St. Louis, was the high man with the excellent score of 597. The full score follows:

BALTIMORE.

	1st	2d	3d	T'l
Halliday	169	137	162	468
Kramer	147	162	177	486
Boone	131	161	198	490
Richmond	195	148	180	523
Seybold	181	152	190	523
	823	760	907	2490

NEW YORK.

	1st	2d	3d	T'l
Manda	123	166	125	414
Kessler	161	149	220	530
Roehrs	115	150	136	401
Guttman	67	124	161	452
Fenrich	137	175	152	464
	703	764	794	2261

DETROIT.

	1st	2d	3d	T'l
Sullivan	126	173	147	446
Watson	168	149	150	467
Brown	121	159	113	393
Dunn	147	116	124	387
Breitmeyer	92	117	95	304
	654	714	629	1907

WASHINGTON.

	1st	2d	3d	T'l
Cooke	155	180	159	494
Shaffer	175	185	188	548
Simonds	162	173	181	516
McLennan	118	140	173	431
Ernest	156	161	210	527
	766	839	911	2516

CLEVELAND.

	1st	2d	3d	T'l
Kelley	126	138	161	425
Hart	182	118	176	476
Bates	169	194	178	541
Schmitt	130	147	118	395
Graham	118	155	167	440
	725	752	800	2277

ST. LOUIS.

	1st	2d	3d	T'l
Beneke	182	223	192	597
Beyer	133	166	154	453
Meinhardt	126	136	128	390
Miller	164	128	130	422
Kuehn	162	117	171	450
	767	770	775	2312

BROOKLYN.

	1st	2d	3d	T'l
Irwin	121	119	155	395
Schmutz	144	107	127	378
Scott	85	154	153	392
Siebrecht	152	161	143	456
Donaldson	155	172	169	496
	657	713	747	2117

PITTSBURG.

	1st	2d	3d	T'l
Carney	168	213	157	538
Demas	119	126	111	356
Loew	114	131	183	428
Ludwig	100	169	120	389
Koehler	79	52	114	245
	580	691	685	1956

CHICAGO.

	1st	2d	3d	T'l
Stevens	171	205	214	590
Winterson	125	154	200	479
Bergmann	138	203	151	492
Hauswirth	119	140	161	420
Asmus	159	147	168	474
	712	858	894	2464

PHILADELPHIA.

	1st	2d	3d	T'l
Moss	165	209	171	545
Yates	175	184	175	534
Pollies	192	166	154	512
Robertson	163	175	166	504
Connor	142	148	140	430
	837	882	806	2525

The leaders in the individual contest were as follows:

	1st	2d	3d	T'l
Rasmussen	121	134	115	370
Enggren	100	90	113	303
Barry	162	160	163	485
Holt	111	177	144	432
Lohrenz	126	149	113	388
Lehr	156	139	101	396
Baumer	153	161	174	488
Adelberger	153	159	149	461
Kasting	135	144	149	428
Shaw	121	152	140	413

WHITE MARSH, MD.—Richard Vincent, Jr., sails next week for a visit to Scotland. He will be accompanied by his son.

MARION, IND.—C. B. Lawrence has secured the contract for building a greenhouse 43x147 at the Soldiers' Home. His bid was $5,426.34.

NEW YORK.

The Market.

Everybody talked convention last week and this subject was of such general interest that the unfavorable weather and depressing market conditions were almost forgotten. It was a midsummer week in every sense of the word. Heat, humidity, storms, tremendous gladioli shipments, rivers of asters and enough waste to keep any store supplied with cut flowers for a year. Of asters especially there is no end. It would not be fair to quote prices.

New roses are abundant and their quality in most cases may be judged by the 25 cents per hundred quotation. Carnations, valley and orchids are scarce and values are maintained.

A better condition is now anticipated and September will see a good beginning of what is expected to be the greatest season in the retail business New York has ever experienced.

All the stores in the wholesale quarter have been greatly improved. With hardly an exception new paint and paper, and a general overhauling show which way the wind blows. There is no lack of enterprise and there are all the indications of a strenuous season, with so many new and old houses bidding for the confidence of growers and adding so largely to their facilities and conveniences.

The great fire which destroyed the D. L. & W. depot in Jersey City was of special interest to florists in delays occa-



George H. Cooke.
(Superintendent of the Trade Exhibition.)



F. W. Bolgiano.

(Of the Committee on Reception.)

sioned in the receiving of shipments and the delivery of flowers to outgoing steamers.

Louis Dupuy, of Whitestone, is back from his European trip.

A. L. Miller, of Jamaica avenue, Brooklyn, has the sympathy of all in the loss of his mother.

Hon. J. S. Larke, Canadian consul at Sidney, Australia, was in the city last week on his way to a visit with old friends in Canada. He is known to New York floriculture as an extensive shipper of kentia seeds from New South Wales to this country.

New York to Washington.

The New York delegation to the convention, reinforced by two dozen of the Boston "faithful," making a total of about 120, left by special train via the Pennsylvania railroad at 10:55 Monday morning. The day dawned clear and cool and the crowd seemed to partake of the harmonious influence of the ideal weather. A more delightful reunion has never characterized the start of a convention from the New York standpoint.

Many of the exhibitors had preceded the special so that considerably over 100 New Yorkers, according to prophecy, practically demonstrated their interest in the success of the national society. Several prospective officers were on board and a good deal of good natured discussion occurred on the way with some real electioneering concerning which, Wednesday may have more to say. The special carried none but floriculturists, as guaranteed, and they certainly owned the train. The dining car was in good hands, with J. B. Nugent, Jr., generalissimo, and Joe Manda, Joe Fenrich and Bobby Schultz as lieutenant-generals. Charles Weathered proved an able aide-de-camp and wielded the sword with skill. A more generous supply of everything and the best of everything in fowl, fruit and ice cream with all that goes therewith, including fluid extracts that appealed to the most orthodox taste and to the palate of the Scottish veterans.

President Traendly was here, there and everywhere looking after the comfort of the guests and members of the club and making everybody feel at home. Many of the old standbys were missing, but several veterans attended. Samuel Henshaw was back from his summer in England several years younger than in 1904. James Dean and family from Freeport were on hand. Messrs. Montgomery and Elliott, with twenty-five other Bostonese voted the New York Club the kind of hosts one reads about. The visitors were loud in appreciation of their welcome. A "Nugent punch" on tap vied, some declared, with the famous Westcott brew.

The bulb trade was happily represented by Mrs. H. H. Berger and Mr. Hageman. August Rhotert and wife upheld the nursery interests. Madison sent a handsome delegation, or quartette, in Herrington, Totty, Shannon and Schultz. Mr. Herrington's brother William, from Sussex County, England, head master of the schools there, came along. Brooklyn was ably represented. Flatbush donated Louis Schmutz, Sr., and wife. John Scott was there, telling of the big plant he will have next year when his new range of 100x160 is completed and his whole Keap street place in addition transferred to his present headquarters. Mr. and Mrs. J. L. Pomell and son, of Millbrook, and Mr. Russell, made a fine delegation of the gardening fraternity from the Poughkeepsie section. Mr. Weber, of Lynbrook, was steeped in Victory. Mr. and Mrs. Guttman were among the happiest on board. Will Siebrecht is bringing up his boys in the way they should go. He had two of them with him. Patten and Fisher, the carnation kings from the east, were contented members of the family. Phil. Kessler and wife brought the prize baby along, the only two-year-old on the train, though several seemed to feel like two-year-olds before the journey ended. The hail man and rubber man were much in evidence. F. R. Pierson ably represented the claims of Elegantissima. Dairs, of Orange, De La Mare, Pepper and Wallace with the writer, made up the newspaper contingent. Gaedeke was there from New Hampshire and John Birnie and John Donaldson, with their families, ably stood for the land of the heather.

H. J. Smith, of Hinsdale, Mass., and Wood, of Providence, R. I., were among the visitors. Washington was reached at 5, in ample time for securing rooms and preparation for the evening greetings. The reception committee at Washington was at the train with earnest welcome and all seemed enthused and hopeful as to the success of the convention. The halls seem crowded and everybody is busy completing the setting of the exhibits.

Bowling is indulged in by the visitors in preparation for the big match on Wednesday and the New York club will be selected tonight from the averages made. The weather is delightfully cool this evening and if the boys will continue it through the week everybody will be more than satisfied. Especially are the Washingtonians praying for the full moon's influence in behalf of a nice evening tomorrow for the reception. A fine rainstorm is laying the dust and cooling the temperature as this letter starts for the west. I predict one of the greatest conventions in the society's history.

J. Austin Shaw.

"WATCH US GROW."

The phrase so well known through continuous advertising, "Watch Us Grow," was largely used by M. Rice & Co. at the convention. Nearly all their signs had some kind of a watch attached and their souvenir was the Japanese water flower, which when put in water grows and flowers while you watch it; in fact, it grows almost as fast as the Rice business has grown in the last few years.

CHICAGO TO WASHINGTON.

There were on board the special train out of Chicago:

Mr. and Mrs. P. J. Hauswirth, V. Bergman, Mr. Poyer, Mr. and Mrs. Aug. Poehlmann, Mr. and Mrs. John Poehlmann, Mr. and Mrs. J. C. Vaughan, Miss Lewis, Mr. and Mrs. Ed. Winterson, Mrs. Kreitling, J. S. Stevens, Mr. and Mrs. Schummer, Mr. and Mrs. J. S. Wilson, Mr. and Mrs. H. N. Bruns, Mr. and Mrs. Fritz Bahr, Alex. Henderson, Mr. Dietsch, Louis Wittbold, W. J. Rupp, P. J. Foley, John Muir, F. W. Martin, J. Kidwell, Mr. Morrison and M. Barker, of Chicago. D. E. England, T. W. Taylor and Mr. Philpott, of Winnipeg, Man.; O. J. Olsen, of St. Paul; J. Staack, of Moline; W. Greene and C. N. Page, of Des Moines; F. C. Smith, of Ashland, Wis.; Mr. and Mrs. F. P. Dilger, of Milwaukee; P. O'Neil, of Elgin; J. T. Temple, of Davenport; James Hartshorne, of Joliet; J. C. Rennison, Sioux City.

At Detroit they were joined by Mr. and Mrs. Phil Breitmeyer, Mr. and Mrs. H. Maynard, Mr. and Mrs. Scribner, John Dunn, Walter Taepke, J. F.

Sullivan, Norman Sullivan, A. Bemb, Theo. Mitchell, Robt. Watson, Wm. Hilschers, Thomas Brown, Geo. Reynolds, Harry Smith, Bruno Schroeter, Jr., Bruno Schroeter, Sr., and Wm. Dilger, of Detroit. Mr. and Mrs. C. A. Kuehn and family, Mr. and Mrs. C. A. Juengel, Mr. and Mrs. J. J. Beneke, Mr. and Mrs. F. H. Meinhardt, Mr. and Mrs. F. M. Ellis, Mr. and Mrs. Henry Berning, Mr. and Mrs. John Steidel, George Waldbart, Carl Beyer, Henry Lohrenz, W. J. Pilcher, George Angermueller, Dr. A. S. Halstead, V. Gorley, Otto G. Koenig, C. Irwin and G. Denker, of St. Louis. Mr. and Mrs. A. N. Peck, F. J. Peck, Miss Helen Patten, Geo. Bayer, Mrs. Suder and Miss Grace Peck, of Toledo. E. H. Cushman and Master R. F. Cushman, of Sylvania. Miss C. B. Flick, Miss M. Flick and Ruth Flick, of Fort Wayne.

BOSTON.

The Market.

Rather quiet conditions have prevailed during the past week. The roses coming in are just about sufficient to go around without much change in prices. Carnations are rather scarce. The best are now from outdoors, although some very nice Fair Maid grown inside is arriving. Prices on these are higher, good stock has brought $1.50 to $3, some poor grades as low as 75 cents, the latter being very small. Sweet peas are not especially good, 15 cents to 20 cents being average prices. Asters are in very heavy supply and the quality extra good. Prices have slumped heavily, few going beyond 50 cents and many as low as 25 cents. Good light gladioli have sold as high as $8, less desirable colors down to $2 and $3. Green stock remains about the same. Quality is very good at present.

Exhibition.

Annuals were the principal feature of the exhibition on August 12. Large collections of these came from Mrs. J. L. Gardner, W. Thatcher, gardener, and Mrs. E. M. Gill, who won in order named. Robert Cameron, from the Harvard Botanic Gardens, showed (not for competition) a very extensive collection of annuals, finely staged, also a large table of perennials. Blue Hill Nurseries had a fine collection of phloxes, which included some very good seedlings. Mrs. L. M. Towle and W. G. Winsor had tables of dahlias, the former showing many excellent seedlings. Joseph Thorpe had a collection of asters and sweet peas and Mrs. E. M. Gill a general display.

Fruits and vegetables were well shown, plums, peaches and pears being very good. In the vegetable classes the collection of endive from W. J. Clemson, J. O. Christensen, gardener, was very fine. The judging in this section seemed to be more satisfactory than usual.

Gladioli will be the star feature at the exhibition on August 19. John Lewis Childs and others will make large exhibits.

The garden committee of the Massachusetts Horticultural Society visited the herbaceous garden of Robert Roulston, Roxbury, on August 14 and found a very interesting old-fashioned garden.

A. F. Estabrook, president of the Massachusetts Horticultural Society, will entertain the officers and some other members of the society at his summer residence in Swampscott on August 17. A special train has been chartered by Mr. Estabrook to convey his guests to and from the North Union station.

Various Notes.

A meeting of members of the Gardeners' and Florists' Club was held at Horticultural Hall on August 12 to consider S. A. F. and O. H. matters. Commercial growers and private gardeners were equally represented and all present had something to say during the meeting, which lasted two hours in spite of the sweltering heat. Among the speakers were James Wheeler, W. H. Elliott, Wm. Nicholson, K. Finlayson, W. A. Riggs, Alex Montgomery, A. H. Fewkes, D. Finlayson, W. P. Rich and W. N. Craig.

The unanimous opinion was that a new title for the S. A. F. was very necessary. The caudal appendage was a misnomer and would never attract gardeners, as it had been hoped. A new title which found acceptance was that of the "American Horticultural Society." The fact that private gardeners were debarred from the list of subscribers of certain trade papers until recently was commented on and it was the opinion of those present that a private gardener should be kept on the executive board always, also that this latter board should be elected and not appointed.

A good deal of emphasis was lain on the fact that the S. A. F., owing to a short-sighted policy had allowed the carnation, rose, and other organizations to form independent bodies when they all should have been under the wing of the parent society. It was hoped an amalgamation on terms agreeable to all might yet be effected, as it would strengthen all concerned.

These were some of the ideas brought out and we hope a portion of them may be adopted ere long. There is no reason why Massachusetts alone should not have 500 members instead of a paltry fifty as at present. The fact that this state has merely one-fourth the membership it had fifteen years ago in spite of the great increase in commercial and private establishments would seem to show there was something radically wrong in the way the S. A. F. is managed. If it does not wish to become a mere trade organization for social gatherings, sightseeing and the transaction of such business as the various dealers in horticultural commodities can effect, some such changes ought to be made.

A largely attended meeting of stallholders in the Music Hall Market was held on August 12 to consider the advisability to letting stalls to those outside the state of Massachusetts. After considerable discussion it was voted to make the market open to all growers in the United States. This, it is believed, will result in a number of growers from outside the state coming in.

T. F. Galvin reports August trade as quite good. Their business last June was the heaviest on record.

Farquhar & Co. have work well advanced on new storage sheds for trees and shrubs at their Roslindale Nurseries.

Mrs. E. M. Gill, of Medford, had the misfortune to fall and sprain her left shoulder a few days ago. We are glad she is improving satisfactorily.

The Boston convention delegates, while less numerous than at the last Washington meeting, made quite a good sized party. The intense heat we experienced for several days ere their departure, accompanied by excessive humidity, made some stay at home who would probably have gone had it been cooler.



Z. D. Blackistone.
(Chairman Committee on Shooting Tournament.)



George C. Shaffer.
(Of the Committee on Entertainment and Bowling.)

H. Waldecker sailed for Europe on the La Touraine on August 10.

S. J. Goddard has taken a trip to Nova Scotia and we hope will be greatly benefited thereby.

Alex Deevar, of Farquhar & Co.'s seed department, has gone to Maine for his vacation.

William Nicholson finished housing his carnations this week. He reports Fiancee, After Glow and Aristocrat as all looking well. His outdoor blooming plants are a mass of flower at present. The Queen is the leader. Eldorado, Harlowarden, Floriana and Wm. Scott are also good.

John Barr reports a big demand for field-grown stock of the Queen carnation. He also finds Harry Fenn a phenomenal seller.

Red spider has been very bad on outdoor grown carnations and violets this season. This is not surprising when the heat and droughty conditions are remembered.

Entries are already being received for the big fall show of the Massachusetts Horticultural Society, which opens on September 14.

The principal flowers seen in the store windows these hot days are gladioli, sweet peas, Lilium speciosum, asters and aquatics.

"Mum" will soon be the word. Some of the early sorts are already showing color. In spite of low prevailing prices of the last two or three seasons as many as ever are being grown.

William Spillsbury has bought material for a new house 34x100, to be used for early cucumbers and later for violets.

Frederick C. Moseley, secretary of the A. T. Stearns Lumber Co., was struck and instantly killed by an express train at Neponset station on August 9. The deceased was forty-seven years of age and had been identified with the firm for about twenty years. Mr. Moseley was widely and favorably known among florists, with whom his firm has large dealings, and general regret is felt at his sudden and untimely end. Interment, after cremation, was at Forest Hill Cemetery, on August 12.

W. N. Craig.

CARNATION NOTES.—WEST.

Left-over Stock.

After you have finished planting the carnation beds in your houses you may have many good plants left in the field. They need not be a loss to you as there are several ways in which you can get some money out of them. If they are good varieties that are largely grown there is sure to be a demand for them. Some of your neighbors may be short of just those varieties and glad to get them, or some of the growers in nearby cities may want them. If you can't sell the plants it will pay you to give them a little care such as keeping the weeds down and loosen the soil occasionally and they will give you a nice lot of blooms during September and October, when your plants inside are not doing very much. These blooms, while they are not high grade, will help you out of many a tight place when other flowers are scarce, and they always are scarce after the early frosts which do not hurt the carnations.

If your climate is not too severe you can plant a lot into cold frames and by covering the glass and banking the sides with manure during the coldest weather you can winter them nicely and they will give you a fine lot of blooms late next spring. In the latter case I would advise you not to wait until freezing weather before planting them into the cold frames. They will winter much better and withstand more cold if the plants are re-established in their new quarters.

If you ship any of your plants even a short distance you will do well to observe a few rules which will be found necessary if you want your plants to travel in good condition. As in transplanting, moisture is very necessary, but it can easily be overdone. When digging the plants to ship, it is necessary to dip the roots in order to keep the plants fresh. Here conditions differ from when you are planting your own houses. These plants you ship will be out of the soil from one to three or four days and the roots must be kept moist during that time. Most growers ship without any soil clinging to the roots unless ordered otherwise.

Packing for Shipment.

In packing them use medium-size boxes, according to the size of the order, but a good size is about 18x48x12; shoe boxes answer the purpose admirably. Let the bottom five inches be solid, then a crack of two inches and a five-inch strip at the top. This crack along the side will come right along the stems of the plants and will allow fresh air to pass through, which will prevent heating, besides keeping the stems comparatively dry. First spread a layer of wet sphagnum over the bottom of the box, then tip up one end of the box so the plants will lay against the lower end. Spread a little wet sphagnum on the lower end to reach up as high as the roots will come. Lay or rather stand a double row of plants against the end of the box and spread another layer of sphagnum against the roots, after which put in another double layer of plants. Don't pack the wet sphagnum between the stems nor the foliage, but keep it down among the roots.

About every six rows of plants put in a layer of excelsior; this will help to keep the plants from heating. Proceed thus until your box is full and finish with sphagnum at the end. Pack your plants into the box firmly so they can not shake loose. If the boxes will be handled much put one or two cleats across just above the roots. Don't put on a solid top but rather lay some paper over the plants and nail strips across the top, then you will be sure the box will remain right side up. Nail handles on the ends and you will find that your boxes will be carried instead of rolled, as is often done by the expressmen.

Besides tacking on your shipping tag you should have an oil crayon and write the address on the box as sometimes the paper tags get torn. Be sure you label each kind plainly and if there

is more than one box of one kind, unless you are shipping only one variety, be sure you label each box. Of course you know what is in each box but the man at the other end knows only what the labels tell him, and many times mixtures are caused by carelessness in labeling. Partition off the different varieties so they will keep them separate. Good, heavy paper is as good as anything for that. A good idea is to enclose an invoice with each shipment, then the one who unpacks them will know what to look for.

After packing up the order get it started on its way just as soon as you can. The less delay the better for the plants. Notify your customer by mail when you ship the plants, then he will be looking for them and they won't lay at the express office a day or so before the agent notifies him of the arrival of the boxes, etc. In fact do everything you can to make their journey just as short as possible. A. F. J. Baur.

CARNATION NOTES.—EAST.

Cultural Hints.

As the plants show signs of establishment in their new quarters, the shading should be gradually removed, the supply of air increased and syringing discontinued except at intervals of a week or more according to weather.

Topping.

You will notice some varieties very much disposed to run into bud with short stem. These should be allowed to develop to about half size then cut as if it were a bloom. Do not allow any flowers to mature thus early; it is a waste not only of raw material but is a drain on the resources of the plant. Plan to go over the beds twice a week removing not more than two buds from a plant at a time; later once a week will be sufficient and as circumstances warrant the operation should cease. Topping as explained above tends to favor the continuous blooming quality.

As the buds are cut, gather and remove from the house. Do not allow them to remain on the soil or cover them thus thinking to return this much to the soil.

Stem and Dry-Rot.

Watch closely for stem-rot and remove affected plants forthwith, also quite a quantity of the soil in close proximity, leaving the excavation made open to the sun and air for a week or two.

Plants showing signs of dry-rot had best be got rid of at once; there is no known remedy, therefore it is of no use to give them valuable room. Cutting away affected branches will avail nothing, the whole plant will go in a short time.

Should rust appear, do not become alarmed. With good culture the plants will outgrow it. This disease is not now considered a dangerous affection, in fact, as only sorts of merit are affected it seems a sign of high breeding. Removal of affected leaves and weekly applications of Grape Dust to destroy the rust mites is advised.

As soon as plants are well under way a thorough fumigation should be made to discourage aphides. These pests are the primary cause of a multitude of evils.

Supports had best be left off for some time yet to allow easy access to soil and plants, for not only should the surface of the soil be kept open but there probably will be some dead foliage to be removed sooner or later.

Geo. S. Osborn.

TROUBLE WITH BEAUTIES.

I have recently been appointed manager of a greenhouse plant containing 120,000 feet of glass. I have been foreman for several years and am aiming to educate myself in this business. I have six rose houses, 22x150, all others carnations, mums and other stock for retail trade. Five of the rose houses are built in one section, one rose house by itself. This last is planted with Beauties. They were planted before I arrived to take charge. This house has a brick wall three feet high, built seven years ago. Between the wall and gutter are three and one-half feet of glass. This house, as I understand, had been planted with Beauties last year, but not successfully. Over half of the old plants had been replanted to the middle benches and somehow they were ruined, which I noticed in a short time. The side benches, planted with young stock, were full of mildew and spiders, which, of course, were removed in no time, but the mildew checked the young plants, though in two weeks after planting they began to break and by July 18 I found them all healthy and strong. The old plants died off and every week I was compelled to replant until by this time I find only eighty-three old plants left out of 1,360.

The soil outside is just as high as the brick wall and until July 21 I had the side ventilation open. July 20 I found some old and young plants being troubled with black-spot and I closed the side ventilation immediately. Black-spot increased and will ruin the whole house if I do not find the right method to check it. Syringing has been done after noon, watering the same as I am used to at well-known places where Beauties are grown in quantity. The strong growth of the plants showed right treatment. Ventilation was left open day and night, as the dry nights in this section allowed me to do so, only during rain halfway closed. The rafters are not very tight and some rain will find its way on the beds, the same as under the gutter. As the beds come right up to the wall, some rain from the rafters and gutters will find its way to the bed, almost always up to two rows.

I have kept the walks as dry as I possibly could, used slaked lime on the plants like sulphur, also used sulphur and lime mixed at night. No firing has yet been done, as I found it unnecessary in my estimation. I have often been troubled with some black-spot at this time of the year, but as soon as it was picked off it seemed to disappear until January.

The soil is mixed with some cow manure. In the connected range I have about 2,400 two-year-old Beauties, started from July 5 to 7, and they are all looking well. They had some black-spot on the old leaves, but after they



F. H. Kramer.
(Chairman of Entertainment Committee.)



Leo Niessen.

were picked no signs were seen of this disease. These plants are receiving the same treatment, but no brick walls are around these houses.

Is it asking too much when I ask you to give me your opinion on this subject? I have explained the subject as well as I can in short words and hope you will understand me.

H. L. L.

The brick wall can have nothing to do with the poor health of the old Beauties, but the soil, being banked up against it, will have a tendency to keep it damp and create moisture in the house and may, in a measure, account for the black-spot. Side ventilation, by causing a draught in the houses, will also reduce the vitality of the plants and make them an easy prey to either black-spot or mildew.

The questioner omitted to state whether his benches were raised or solid and, as this is one of the most important factors when carrying over old Beauties, it must be taken into account. The poisonous salts which accumulate in the soil from last season's feeding and find a lodgment in the drainage or subsoil in solid benches, are hard to get rid of unless the plants are lifted and the old soil removed, and cause a deal of damage when the feeding roots dip into this unsuitable food. If the benches are of the raised kind it is easier to remove all the soil, clean the benches and renew the soil.

Seeing that the houses are not entirely waterproof it would be advisable to have the roofs gone over with Mastica or Old English putty and use a little firing during damp weather to dry up the moisture.

The use of sulphur and lime should, other conditions being favorable, have helped to check the black-spot. Cleanliness also is a good preventive.

The following mixture is often used with good results when other measures have failed: Five ounces of the carbonate of copper (cupram) to three quarts of ammonia and sixty gallons of water. Use a very fine spray and see that every part of the foliage is washed. This should be done once a week for at least a month.

Pick off all infected leaves and burn them, keep the surface of the soil clean and well stirred, and do not attempt any kind of feeding until the plants have regained their health. Keep the soil rather on the dry side. Be careful of ventilation, both night and day, and guard against any sudden fluctuation of temperature and no doubt but in a short time conditions will improve.

Ribes.

LEO NIESSEN.

Leo Niessen has come forward with rapid strides during the past ten years until today he is recognized as standing in the very front rank of our representative business men. His position is due to industry, integrity and ability of a high order, combined with rare tact and sound judgment.

Rockford, Ill.—Alderman C. H. Woolsey has bought the greater part of the Otis Hinckley plant and stock for removal to his place on Charles street.

CHRYSANTHEMUMS.

Buds.

We have now arrived at a most important period and that is the period for selecting the buds. While these notes may not apply to any great extent to the commercial growers, most of whom plant late and take the September bud, the exhibition grower and the man who wants the very finest flowers must catch an August crown bud on the greater part of the varieties now in cultivation. There are a few kinds that should be taken later, which we will enumerate, but after August 20 I take every bud that shows and have always found it safe to do so.

The difference between the buds and the question which is the proper one to take afford the great stumbling block to the majority of beginners and I will briefly explain so far as I can the difference in the buds.

There are two kinds of buds produced by the mum, known respectively as crowns and terminal.

When plants, after being set out on the benches in May, have made a foot or so of growth they produce a bud some time in June. This is called a "break" by many growers, but is in reality a crown bud. Only by reason of its being produced too early it is useless to retain this bud for flowering purposes. The plant will grow along and some time in July will produce another bud, which, like the first one, is still too early to retain. These buds are sometimes known as first and second crowns. The advice sometimes given in catalogues to take first or second crown buds is misleading because the time of the production of the bud is governed by the time the plant is set out on the bench and permitted to grow. Very early planted stock may produce a first bud in May and a second one in July, which is obviously too early to retain, so that advice to take first or second crowns is not very explicit.

All buds produced in August are crown buds and a crown bud, by the way, is always distinguished by the shoots that appear around it and which soon grow up and take all the strength away from the bud if they are not removed. The terminal bud, which does not appear till September or later, always has a cluster of smaller buds around it in place of the small shoots, and this bud being produced some four weeks later than the crown bud will not produce so large a flower or so deep a flower, because it has had another growth to mature, while the crown bud has been putting that same strength to producing petals in the future flower.

Some varieties, while producing magnificent examples of bloom from the crown bud, are not of much account on the later bud, and this makes a proper selection of bud the "paramount issue" in their case. Conspicuous examples of this kind are William Duckham, Cheltoni, Nellie Pockett, Mary Inglis and Donald McLeod, and practically all the Australian varieties should be taken on the crown bud.

It often happens that a plant has buds showing by, say, the end of the first week in August, a date that is really too early to take the bud and yet if that bud is rubbed off and the plant allowed to make another growth the next bud would not be produced until September, too late for a first-class flower. This early bud can be held in suspense a week

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36-40-inch stem	$4.00
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	Per 100
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Easter Lilies.....per doz., 1.50	
Gladioli	1.00 to 2.00
" fancy varieties	3.00 to 6.00
Shasta Daisies	.50 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze.....per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Leucothoe Sprays	.75
Smilax..... per doz., $1.50	10.00
Fancy Ferns.....per 1000, $1.00	.15

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or more by allowing one or two of the shoots surrounding it to make several leaves and removing them gradually one by one. This diverts the flow of sap from the bud somewhat and a bud so treated will come out all right, where otherwise it might have been rough, misshapen and useless.

Varieties that I would not recommend to be taken before September are S. T. Wright, Col. Appleton, Queen Alexandra or any variety that is being grown for late flowers, such as Maud Dean, Chadwick or W. S. Allen.

The buds of most of the early kinds may be taken after the first week in August. This would include Fitzwygram, Bergmann, Merstham Yellow, Alice Byron and Merry Monarch. Glory of the Pacific makes a poorly colored flower if taken before the 20th and Mrs. Robinson must not be taken before that date.

Just about the time that buds are being produced feeding should not be carried on. Keep your plants quiet until the change is completed and the bud is commencing to swell.

CHARLES H. TOTTY.

HORTICULTURE IN SCHOOLS.

[A lecture by Miss Susan B. Sipe, instructor in botany in Normal School No. 1, at Washington, before the Society of American Florists, August 16, 1905.]

Statistics taken in the training school for teachers in the District of Columbia show that two-thirds of the students have never put a seed into the ground. But few of the students have any idea of the preparation of the soil for ordinary garden making. One young girl attempted to dig her garden three feet in depth with a trowel to prepare a bed for coreopsis seed. The lack of general information about our commonest vegetables and flowers is appalling. One student in the present class did not know peas when she saw the pods on the vines. The zinnia, the cockscomb, the pink, the scarlet sage are but masses of flowers to most of the students, and nothing more. And these students will be teachers in our public schools next year!

Training of our public school teachers in elementary gardening is a necessity if we are to reach the children. Realizing this fact, the Department of Agriculture, through the Bureau of Plant Industry, is urging the establishment of elementary courses in horticulture and agriculture in all normal schools. It is using the two normal schools in Washington to demonstrate its ideas.

The work has grown much beyond the original scope. At first an expert was sent to the schools to lecture to the students on practical subjects relating to gardens, in a plain and simple manner, so that what they learned could be applied in their own gardens. Every student was required, and is still required, to have a garden at home. Where there is not sufficient land, window gardening is required. As these home gardens are legitimate school work they must be inspected. In all 175 students have taken the course since its establishment. All of them have had home gardens and all gardens have been visited by the instructor in charge. This work is very valuable in a teacher's training. The garden can be studied through to its full fruit. Usually so much pleasure is derived from it that the young teacher is anxious to have the children under her charge have the same pleasure. She acquires information enough to enable her to start the children in the right way. In all there is nothing so helpful to a teacher as garden work at her own home.

The growth of the work necessitated the doing away with the lectures after the first year. A greenhouse was assigned the school, where plant propagation could be carried on and plant life studied. Immediately the school became the source of supply for plants for school ground decoration and for the beautifying of school-rooms in winter. A larger greenhouse, this last winter, has afforded facilities for experimental work, so that the students are receiving a substantial course in processes of plant life, in effect of water and fertilizer on soils and in planning gardens for simple landscape effects. This is having a noticeable effect upon the city. One hundred and twenty of the 124 buildings for graded schools have gardens this year, for decorative effect, and these have in turn inspired the children to have home gardens; 120,000 penny packages of seed have been sold the children by a local seedsman. As a consequence there are now thousands of young gardeners at work in the District who will never lose their fondness for the soil and will be better citizens in later years for their instruction in gardening.

The work around the school buildings has been done with little expense to the



The Trophies in the Washiogton Convention Bowling and Shooting Tournaments.

school authorities. The children have furnished the labor and the tools; shrubbery has been given by parents or bought by the teachers; seeds have been given by the seedsman who sold the penny packages to the children, and by the Department of Agriculture. These gardens have been valuable as additions to the schools for regular educational work. They have been sources of material for composition lessons, language lessons, drawing, spelling and arithmetic. They have taught the children that labor is necessary to produce and after such expenditure of labor one's rights must be respected and protected, so that there has been no vandalism for two years, where previously plants were uprooted and thrown upon the street with no other purpose than destruction. Soon the school grounds of Washington will be neighborhood ideals—those from which the surrounding homes will be able to receive inspiration—and not the forlorn, neglected spots they have previously been.

A teacher, to be a successful garden teacher, must be able to handle classes in the garden. A garden for decoration is not well adapted for class work, but the garden of individual plots, where every member of the class has a small plot, for which he is responsible, is admirably adapted for the teaching of the subject to classes. Through the aid of Dr. B. T. Galloway, chief of the Bureau of Plant Industry, the normal school is allowed this privilege. About 7,000 square feet of land has been placed at the school's disposal. Upon this land, a sixth grade class of boys has been set to work under the direction of the normal school. A few practical lessons are given the boys in the greenhouse and they are then put upon the land, which they measure and lay off into garden plots 9x20, with paths two feet wide separating the plots. Each boy raises eight kinds of vegetables and two kinds of flowers. Whatever he raises is his own and it is no insignificant amount. Care is taken that the garden does not deteriorate into simply growing vegetables for the sake of the vegetables, but that the child is the most important growing factor in it and his development is far more important than the quantity of beans gathered or the size of the tomatoes grown.

The common products of the United States, which the geography of the grade requires him to recite about, and of which he knows so little, are grown on small plots bordering the garden and as the products mature lessons are given on them in their industrial and commercial importance to man. As these products have been harvested they have been followed by leguminous crops and it is planned to follow these by such crops that will show the boys the necessity of crop rotation. Beneficial and destructive insects, birds, toads and earthworms have been studied in their relation to garden work.

There is no other form of manual training that offers such a field for correlation with school-room work as gardening. Problems in practical arithmetic are innumerable. These boys have calculated the amount of fertilizer needed and its cost; the cost of fencing the garden; the cost of the entire garden and of each individual plot; the amount of lime needed on a plot at a given amount to an acre; the amount of seed and the quantity of rainfall to a plot. The correlation with geography has been mentioned. The freedom of speech gives much opportunity for good work in correct English. The physical development of the boys by outdoor work is a great point in its favor. In all there is no line of manual training so far in our public school work that develops the child intellectually and physically as gardening does. Its influence upon the homes of the land should make it appeal to those not directly interested in educational matters. It is sincerely hoped that the coming congress will see fit to appropriate money for its establishment in all of the schools of the city, as it is impossible for the department to take the burden of the city.

The recognition of the movement by a department of government to implant a love for the soil in the mind of the child while it is yet plastic has strengthened efforts in other parts of the country where previously it had been regarded as a fad. Representatives of the governments of Canada, Great Britain, New Zealand and France have inspected the work and returned to their own lands stimulated to further the movement among their own children. Throughout our own country the movement is widespread. It has been furthered by settlement workers, by business firms, by schools, by private individuals. "The idea is so simple and so natural," says a report from the Bureau of Education, "that the coming century will wonder how public educational institutions ever existed without them and were true to their purpose."

Philadelphia, Pa.—Jos. G. Neidinger, the wholesale dealer in florists' supplies, is now located in his new store at 1438 North 10th street, and is better than ever prepared to handle his rapidly growing trade.

Galesburg, Ill.—I. L. Pillsbury is making some improvements at his greenhouses on East Main street. He has torn down three of the old buildings and has erected a new rose house, a new violet house and a new carnation house.

Manchester, N. H.—James Kirby, who has suffered for a long time with kidney trouble, is reported seriously ill.

Experimenting Costs Money

Don't experiment! Get the value of our experience, and the benefit of the experience of hundreds of leading florists by dealing with us.
You will profit by our experience; and you will avoid bad experiences.

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Ferns	.15
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Asparagus Strings	25.00 to 50.00
Adiantum	.75 to 1.00
Galax	.15
Smilax	10.00 to 12.00

Subject to change without notice.

CHICAGO.

The Market.

Conditions have remained very quiet during the past week. Several days of extreme heat did much to lower the quality of stock and to destroy what little life there was in the market. The influx of very poor asters was something remarkable, but something of a change for the better has now been made. The first asters brought good money, no matter what the quality, and naturally the growers were anxious to send in everything possible, but when they received their returns after the glut began, they saw the folly of shipping anything but the best of their crop. The result has been a diminution of receipts and an improvement in the average quality.

Beauties continue in very fair supply and prices have weakened a little in the last week or two. There are very few summer roses this year and those growers who have made an effort in this direction are doing very nicely. There are plenty of roses from young stock, but they are yet very small. Liberty is in good demand and Chatenay is called for. Few indoor carnations are now seen and most of the stock from plants in the field is of indifferent quality. There are many orders for the best carnations, but the wholesalers do not like to ship the present receipts.

Easter lilies are again a glut. Receipts continue to increase and there is no outlet save for funeral work. Auratum lilies were never so plentiful as this season, but not many album and rubrum are now seen. Most of the wholesalers have more gladioli than they know what to do with. Dahlias are on the increase. Sweet peas are seldom seen. Huge pots of Rudbeckia Golden Glow are offered cheaply. Phloxes, some of them splendid heads of bloom, are seen in most of the wholesale houses. The "green goods" situation remains unchanged.

Flower Show Plans.

Although nothing has yet been done in the way of definite arrangements, Chicago is sure to have a first-class show this fall. Interested parties are searching the city for a place to hold the show and the consensus of opinion is that the best place ever available for the purpose is Brooke's Casino on Wabash avenue. It is within walking distance of the loop, is on the ground floor, provides twice the space available last year and the hall is a beautiful one. The refusal of certain dates in November has been obtained.

Various Notes.

In these days of abundant supplies in the cut flower markets the wholesalers are compelled to look up new outlets for their stock. The time is past when a wholesaler could restrict his sales to those conducting legitimate flower stores. Nowadays any sort of a buyer in quantity is welcome. The wholesalers are compelled by circumstances to encourage all kinds of stores to use flowers for decorations and to sell them. Occasionally this brings a protest from a retailer who is hit, but in a broad way it is of benefit to the trade, as the universal use of flowers is certainly to be desired.

Peter Reinberg will not plant as many carnations as usual this year. He could not see his way to cut down his plantings of any rose and more space was demanded for Chatenay, Liberty and Richmond. The new addition to the glass houses is 40,000 additional Beauty plants.

E. E. Pieser, treasurer of the Kennicott Bros. Co., plans a trip to Lake Superior for three weeks, beginning August 26.

We have had much more than the usual rain since the carnation plants were put in the fields and for a number of growers the stock has been flooded most of the time since it was planted outside. The plants are not only small but they are very soft in many cases and the growers who have been thus unfortunate are asking themselves if they can count on this stock to give them good crops next season.

John Mangel has maintained an attractive show window all summer. A feature of his window for some months has been the showing of made-up floral pieces. The style here is the solid wreath, with a loose cluster of flowers at one side and ribbon added liberally. A wreath in his show window will last for several days, but they change the cluster of flowers and ribbon daily, so that the design has the appearance of being perfectly fresh.

L. Baumann & Co. have a collapsible wooden cut flower shipping box, on which a patent has been applied for.

August Poehlmann is completing a very fine colonial mansion at Morton Grove.

Bassett & Washburn are now cutting Easter lilies from cold storage Harrisii bulbs which had been grown in the Azores. They are so well pleased with them that they will increase their order for Azores bulbs this year at the expense of the order for Japanese longiflorums.

Martin Peterson reports the call for funeral work active on West Division street.

The north end florists and gardeners will have a picnic next Sunday at Brudy's grove, Lincoln avenue and Winona street.

Wietor Bros. have a field of nearly three acres in asters and are cutting in quantity. They report a big sale for field-grown carnation plants.

Miss Lillian Tonner, of E. H. Hunt's force, is again on duty after a month's trip on the Pacific coast.

P. J. Foley reports everyone more than pleased with the progress of the western lumber and mining venture in which he and several others in the trade are interested. They inspected the property while on their recent trip to the Yellowstone.

H. P. Gerhardt is reglazing his houses. He lost nearly 200 boxes of glass in a spring hailstorm.

Miss Helen Scott, daughter of Wm. Scott, of Buffalo and Corfu, was in the city a few hours on Monday. Miss Scott was on her way to Denver for a visit with her brother Phil and wife and the two little Scotts.

Adolph Fehr, of Belleville, Ill., visited the trade this week.

The business of the firm of W. W. Barnard & Co. has been taken over by The W. W. Barnard Co. The officers of the new company are W. W. Barnard, president; A. H. Goodwin, vice-president; Arnold Ringier, secretary.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Lewis Ullrich, Tiffin, Ohio, submits for registration seedling zonal geranium, Tiffin; flowers single, brilliant scarlet; clusters large, freely produced; foliage green, no zone; growth, free, bushy; tested eight years.

Wm. J. Stewart, Sec'y.

Auratum Lilies

$10.00 PER 100. THE BEST AND CHEAPEST FLOWER ON THE MARKET.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19-21 Randolph Street, CHICAGO.

Mention The Review when you write.

CINCINNATI.

The Market.

Business continues about in the same lines as last week. But the amount of stock on the market has changed greatly. Asters are almost scarce and the price has advanced accordingly. At the present time there are not enough to go around. And the quality that found its way to the dumps last week now sells at $1.00 per hundred.

Roses are more plentiful. Many growers are beginning to cut from their new stock, but there is not much sale for this kind of goods. Some very good American Beauties are to be had and they sell well.

Carnations are very poor and while there is quite a good demand for them there are but few that will pass muster. J. W. Rodgers is still cutting some very good stock from held-over plants.

Some very fine gladioli are to be had and they sell fairly well, but the supply is much greater than the demand.

Various Notes.

The Oakley Fair will be held this week and with $500 offered for displays of cut flowers and plants a rattling good show is looked forward to. George & Allan are out after the big money, but there will be warm competition, as several of the boys have entered.

The Cincinnati party, bound for Washington, left at noon Monday, via the B. & O. They were joined by Aug. R. Baumer and J. Schulz, of Louisville, and G. R. Gause and Mr. Jones of Richmond, Ind. Altogether there was quite a jolly party and they were out for a good time. Several of the boys took in the B. & O. excursion to Atlantic City last Thursday. They will stop off at Washington for the convention.

Chas. Jones has returned from his fishing trip and is resting up at his Walnut Hills store.

L. F. Benson and wife have also returned from a trip east.

L. H. Kyrk and wife are visiting near Tiffin, O.

Fred Gear and family leave for Atlantic City this week.

Theo. Bock, of Hamilton, O., has been selected as a judge at the Indiana state fair.

Florists' Meet.

The last regular meeting of the Florists' Club was held at Hagner's Garden on Price Hill and a jolly time was had. Bowling was the order of the evening and some startling scores were made. Lunch was then served and following that the club meeting was held. It was decided to form a bowling club among the members of the society and Chas. E. Critchell was appointed chairman of the committee to organize same with the following assistants: W. Schuman, Dick Sunderbruch, Jim Allan and C. J. Ohmer.

C. J. Ohmer.

When on your way through Chicago
don't forget to call on

L. Baumann & Co.

The Great Central Florists' Supply House

Just received direct from **EUROPE,**
four car-loads of supplies, including

CYCAS LEAVES, CYCAS WREATHS, RUSCUS WREATHS,

and a fine assortment of other styles
of preserved Wreaths,

BASKETS, METALLIC DESIGNS, CHIFFONS

and an endless variety of useful articles
for every florist's establishment.

BE SURE AND CALL

76-78 Wabash Ave., Chicago

Write for our new catalogue. It will be ready soon.

PITTSBURG.

The Market.

The excessive heat with the great amount of humidity in the atmosphere has made everyone yearn for the seashore or mountains the past week, and to make matters worse business seemed to be worse if such a thing were possible. It is a risky thing to enter any shop and ask how business is. The best you can get is a chorus of "Forget it, forget it." Stock of all kinds is plentiful and some of it very good, especially Kaiserins, Beauties, valley and asters. Among the growers, convention affairs has been the sole topic, except where one was looking for carnation plants, or trying to sell same.

All the growers in this vicinity are in the midst of carnation planting or getting ready to do so this coming week. I never saw better stock than most of them have. The favorite varieties in this section are Fred Burki, Lady Bountiful, White Lawson, Boston Market, and Queen Louise for white; Enchantress,

Pink Lawson, Joost, Floriana, and a few Scotts for pink; Cardinal and Flamingo for red, but you can still find a few of any of the older varieties scattered about. In talking to several of the old reliables one day this week I heard the following: "It takes the florist longer to drop the worthless and take up the good things in their trade than any other class of business men."

Various Notes.

Miss Emma Maxwell, of Wilkinsburg, is spending a few weeks at Cambridge Springs.

The following persons represented this city at the S. A. F.: J. W. Ludwig and wife, E. C. Ludwig and wife, Gustav Ludwig and family, C. Reiger, wife and daughter, John Bader and daughter, Dr. McGee and wife, Mrs. Koerble and daughter, Mr. Meuschke and wife, J. J. Fuchs and daughter, John Jones, Jos. Thomas, Wm. Loew, Walter Carney and wife, E. C. Reineman, John Zimmerman, and four others who forgot to register.

Jarve Smith has been down at his Ohio farm the past few weeks and on his return his brother, A. W. Smith, will take his wife and spend some time at the lakes and mountains. Hoo-Hoo.

WANT ADVERTISEMENTS.

WANTED—General greenhouse waterer. Apply The McGregor Bros. Co., Springfield, O.

WANTED—A good decorator; state wages and references. W. H. Humfeld Floral Co., Kansas City, Mo.

WANTED—To correspond with a working florist who has some money to invest. Thos. W. Long, Charlotte. N. C.

WANTED—A first-class grower of carnations, mums and potted plants for commercial place in Chicago. Address No. **93**, care Florists' Review. Chicago.

WANTED—A partner, lady or gentleman, to open retail flower store in Chicago. For particulars address No. **91**, care Florists' Review, Chicago.

WANTED—Energetic young man for general greenhouse work; give references and wages expected with board and room. J. W. Margrave & Co., Hiawatha, Kan.

WANTED—A rose grower and a carnation grower for the west; must be first-class men. Address No. **76**, care Florists' Review, Chicago.

WANTED—At once, two men for general greenhouse work; must be sober and industrious; permanent positions for steady men. Address No. **85**, care Florists' Review, Chicago.

WANTED—A man who thoroughly understands the growing of pot plants, carnations and roses, and who is willing to make himself generally useful under foreman. Idle Hour Nurseries, Macon, Georgia.

WANTED—First-class carnation grower to take charge of section of carnation houses; one who can produce first-class stock; no others need apply. Address Miami Floral Co., 24 N. Main street, Dayton, Ohio.

WANTED—Young man well up in the retail business, both in greenhouse and store; state wages with room and board and give references and experience in first letter. Address No. **87**, care Florists' Review, Chicago.

WANTED—A successful rose propagator as assistant; first-class references required; young married man preferred; good chance for advancement for right man who is not afraid to work. Chase Rose Co., Riverside, Cal.

WANTED—Young man who would like to go to best part of Florida this winter, for light work; must come Sept. 15; board and room; state wages expected; also have room and board for two young people. Theo. Miller, P. O. Box 161. Palm Beach, Fla.

WANTED—I have an established trade that calls for more and better stock than my present glass can supply and I want a good all-round grower to take a financial interest in the business so that it can be enlarged to meet the requirements. The greenhouses are located in a thriving town of 13,000 and there was never a better opportunity for a live, energetic grower than this. If you are interested write me and I will give particulars. Address No. **88**, care Florists' Review, Chicago.

SITUATION WANTED—By a good practical florist; 12 years' experience in the general line; private or commercial place; single; 28 years old; state wages. Address No. **86**, care Florists' Review, Chicago.

SITUATION WANTED—Practical gardener and florist, German, middle-age, unmarried, wishes steady position; would prefer taking charge of gentleman's or institution grounds; excellent references; state full particulars; willing to wait for engagement if wanted. Address Gardener, 303 Convent Street, St. Louis. Mo.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

FOR RENT—My store and greenhouse; well stocked with decorative plants and florists' supplies; established 1885. Address The Flower Store, 1740 Main St., Jacksonville, Fla.

FOR RENT—13,000 feet of glass, planted wtih carnations; all in good order; $500 buys all stock, etc. Address No. **94**, care Florists' Review, Chicago.

FOR RENT—At Frederick, Md., greenhouses, 18x63, 12x102, 20x162; boiler room, 18x60, equipped with a No. 8 Furman boiler and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure; labor cheap. city water; no stock on hand; rent $300 per annum, half payable in advance every six months; ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Henry Trail, Frederick, Md.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE—Greenhouse property. 4 acres fine land 6 miles out city limits; about 11,000 feet glass; unusual opportunity. For particulars address N. S , 1217 Girard Ave., Philadelphia.

FOR SALE—Greenhouse plant, 18,000 ft glass; 40,000 carnation plants; abundance of water; dwelling, 9 rooms; stable, etc ; all facilities good and everything in good condition; all in fee. E. Woodfall, Glen Burnie, Md.

FOR SALE—One 12 H. P. upright tubular boiler, price, $70; one hot water steel botler, upright, return flue, magazine feed. hard coal or coke, price, $60; both in good repair. Llewelyn, Florist, Olean, N. Y.

FOR SALE—One marine boiler, 44 return flues; cost $550.00, a snap for $10 .00 cash f. o. b.; also one small Weatherhead, suitable for propagating or small house; $25.00 takes it. Cottage Greenhouses, Litchfield, Ill.

FOR SALE—In a city of 15,000, two greenhouses, 40x20 and 14x90 ft.; well stocked with a variety of plants; also 10-room residence with 90-foot front; prospects fine. Address Kenwood Greenhouses, 1006 15th St., Enid, Okla.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electries; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—20,000 Excelsior carnation supports, used one season. 14 in. long, $6.50 per 1000; 21 in. long, $7.00 per 1000; horizontal tubular hot water boiler, used but a short time, will heat 8000 sq. ft. glass; f. o. b. St. Louis. $75.00. James W. Dunford, Clayton, Mo.

FOR SALE—Flower store in live Massachusetts town of 3500 population. 21 miles from Boston; commands a trade of a radius of 60 miles; business established 12 years; reason for selling, have other business to attend to; price, $1000 cash. Address No. **95**, care Florists' Review, Chicago.

FOR SALE—1000 ft. 4-in. cast-iron pipe, spigot ends to be cut, 6 cents per foot; Davis duplex belt pump, 2½-in suction, 2-in. discharge, $60; Baldwinsville centrifugal pump, 3-in. suction, 2-in. discharge, $25; American Blower Co. low pressure steam engine. 10 to 20 lbs. steam, 4 to 15 h. p., $150. C. & G. L. Pennock. Lansdowne, Pa.

FOR SALE—Fine new three-year-old greenhouse; 3500 feet of glass; residence adjoining; thriving 1500-population town; established business all for sale; small payment down, long time on balance Who wants to avail themselves of this splendid property and opportunity? I am not a florist, the reason I want to sell. Address promptly C. P. Bissell, Holly, Mich.

FOR SALE—The Alameda Greenhouses, Roswell, N. M.; a good florists' business in a western city of 8000; well established trade and prospects for future bright; 300 miles from any other greenhouse; 9-room dwelling, barn, artesian well; hydraulic ram pumps water to 2 large tanks; 50.0 feet of glass; water heat; 9 lots, 50x160 each; have a good catalogue business; will sell for $12,000 cash; don't write unless you mean business. Mrs. J. P. Church, Roswell. New Mexico.

FOR SALE—Glass and wood in greenhouse, 180 x 20; 10 x 12 glass. George Cartwright, Dedham, Mass.

FOR SALE—On account of old age and bad health, I wish to sell my greenhouses and gardens; 21 acres of land, 6,000 feet glass; latest improvements and modern in every respect; stocked with flowers and shrubberies; 3 residences, stables and out-buildings of all kinds necessary; will lease or give a good man with some capital an interest; must be up-to-date and capable to manage the business. Address P. O. Box 154, Memphis, Tenn.

FOR SALE—Greenhouses; owing to entire change of business we offer for sale our nearly new, up-to-date, first-class greenhouse plant consisting of three greenhouses—25x100, 21x120, 21x50 all connected to boiler house, 24x28, with one 20 horse-power Hodge boiler and one 50-in 9-section Richmond boiler; either boiler of sufficient capacity to heat the entire plant, and been used two seasons; all fitted up in first-class order for business; will sell as it is, or without the land, to be taken down and removed. For particulars apply to W. H. Tarbox & Son, Fryeburg, Maine.

FOR SALE—A good paying greenhouse establishment of 8000 ft double thick glass; everything in good running order and in first-class repair; well stocked with carnations, roses, violets and bedding stock; located in a thriving prosperous north eastern town of 10,000 population, which is also the trade center for a large adjacent territory, including a number of fine summer resorts, where quantities of bedding stock is used; a good established business on a paying basis and one which can be largely increased; connected with above is a seed and plant catalogue businesswith full equipment which will be sold separately or in connection with the plant. Address No. **92**, care Florists' Review, Chicago.

FOR SALE!

A RARE BARGAIN if sold before Sept. 1st. 5,000 feet of glass erected in 1903; all modern and fully stocked. City of 10,000 with good shipping territory. Last year's business, $3,300.00. Trade has increased 25 per cent each year for the past three years. 7 years' lease on land. Can be bought for ⅔ the amount of the original investment. Cash. Address

P. O. Box 765, Nebraska City, Neb.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review Chicago.

WANTED
By An Eastern House

An up-to-date seedsman; one who is conversant with catalogue work. State references and expectations. Address

No. 90, care Florists' Review Chicago.

FOR SALE

A florist establishment of 5000 feet of glass in a good business town and surrounding towns of 25 000; 18 miles from Pittsburg; no competition; everything in A1 shape; good reason for selling; and don't write unless you have cash and mean business. For particulars, address

No. 96, care Florists' Review, Chicago.

FOR SALE CHEAP

HOTBED SASH—50 new sash, 3x6 feet, cypress, glazed with 12x14 double strength A glass; painted three coats, best white lead and oil; just bought, cost us $3.75 complete; will sell this month for $2.25 apiece; 25 or more at $2.00. Also 50 sash, same size, bought 2 years ago, the entire lot to any party at $1.00 a piece. Sash are easily worth double the money. Satisfaction guaranteed or money refunded. **CASH.**

Clifton Hill Floral Co., Omaha, Neb.

WANTED

Carnation grower, night fireman and young men with some experience in growing roses and carnations; state age, experience, salary, etc.

W. K. PARTRIDGE, Cincinnati, Ohio.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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THE AKEBIAS.

For many years the only member of the genus akebia grown in gardens was A. quinata, discovered and introduced by Robert Fortune while traveling in the Chusan district of China about the middle of the forties, a period in which that enthusiastic collector was instrumental in introducing so many beautiful hardy plants (particularly shrubs), into British gardens. It is a free-growing ligneous climber of the berberis family, but in general appearance it is widely removed from any of its immediate allies, as the long, slender, wiry shoots entwine themselves most persistently around any support, and, failing this, they form of themselves a close entangled mass. It is perfectly hardy in many parts of Great Britain, and as a wall plant is so in most other districts, while for a cool greenhouse, that is to say, a structure from which in winter frost is just excluded, but nothing more, there are few more useful subjects than this. Under glass, or even out of doors in mild winters, it is almost, if not quite, evergreen, but even then the new growth starts early in the season, and simultaneously with this the flowers are produced.

A singular feature is the arrangement of the sweet-scented flowers, which are borne in slender, drooping spikes, as the upper part consists of male blossoms, while the female ones occupy the lower portion. These last are by far the most effective, being about an inch across, and of a dark purple color, while the male ones are smaller and lighter in tint. The young unfolding leaves, composed each of five leaflets, as implied by the specific name, are of a bright green hue, but become deeper in tint later on. This species flowers best when the wood has been well ripened during the preceding autumn.

A second species, at present but little known, is Akebia lobata, which was first introduced from Japan about a dozen years ago. The branches of this are much stouter than those of the other, while the leaflets are in threes, and considerably larger. The disposition of the flowers is as in A. quinata, and, as in that species, they are more or less of a purple hue. Both flower at much the same time, but as a garden plant the majority would, I think, place the older kind first; still, both are interesting, and decidedly pretty. The curious long plum-like fruits are occasionally borne.—Gardeners' Magazine.

RAILROAD GARDENING.

"Travelers in England and on the European continent," says the Railway Age, "have often been attracted by the prevalence of gardening on the right of way of railways. Few, if any, American railway companies would feel justified in spending stockholders' money in landscape gardening, except in so far as this is necessary, from an artistic standpoint, in station towns and cities, where, as everyone will have observed, considerable sums of money have been spent in the beautification of the station grounds. But without spending a cent of railway revenue, much of the present right of way, far beyond stations, perhaps, can be improved to the advantage of the railway employes and increased safety regarding fires. A cultivated right of way obviously prevents the spreading of fires from locomotives, and to this extent such cultivation is in the direct interest of the companies. Indirectly, the employes who raise vegetables on ground provided by the companies will to that extent increase their earnings, which, in turn, will tend to Gardening by employes on the right of Gardening by employees on the right of way may be impracticable in those regions where land is very cheap or poor, but in all the more densely populated sections of the country it can be nothing but a valuable privilege. This is a line of development which the industrial or other railway departments might take up to advantage."

Toronto, Ohio.—David Aten and S. B. Wilson have dissolved partnership, Mr. Aten continuing the retail store and Mr. Wilson taking the growing end. He has removed the greenhouse to the head of Euclid avenue and is adding two other houses, 20x70 feet.

Freesia Refracta Alba

French Grown Bulbs, the pure white kind, now ready.

Giant Bulbs. picking from the crop, $2.00 per 100; $15.00 per 1000.

First shipment of

ROMANS AND PAPER WHITES

due to arrive next week

Prices on all other Bulbs on application.

CLUCAS & BODDINGTON CO.

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Palisade Nurseries, SPARKILL, N. Y.

Importers, Exporters and Growers of SEEDS, BULBS and PLANTS.

FISCHER'S

Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER

GREAT NECK, - L. I., N. Y.

50,000 TRANSPLANTED

CELERY PLANTS

Good, bushy stock and well hardened. Packed in light crates and guaranteed in all respects except variety.

We make the price **$1.50** per 1000; **$12.50** for 10,000, to close them out.

Write us for price on larger lots.

Why not buy good plants when so near the price of poor ones?

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RALPH M. WARD & CO.

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12 West Broadway, New York

Horseshoe Brand.

Bulbs, Plants.

Valley our Specialty Cold Storage Pips Always on Hand.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

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GHENT, Belgium.

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As good as can be grown.

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PALMS, FERNS

and all Decorative Stock.

R. DREYER, Woodside, L. I., N. Y.

Mention The Review when you write.

MUSHROOM SPAWN

The planting of Mushroom Spawn is generally considered a game of chance, so to speak, on account of the great quantity of spawn put on the market that is actually inferior. Avoid any chance of missing a crop by procuring and planting Michell's spawn. New shipments arrive every three weeks, an unusually fine lot at present. Prices: $1.50 per dozen bricks; per 100 lbs., $6.00; $55.00 per 1000 lbs. (250 lbs. at 1000 lb. rate.)

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA, Pa.

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Weigelt's Gigantic-Bloomed cultures, unexcelled in form and fertility. NEW CROP WARRANTED.

4001, brilliant pink-carmine; 4002, glowing red; 4003, deep-dark red; 4004, brilliant pink; 4005, snow white; 4006, lilac colored; 4007, white with eye. Each shade, 100 seeds, 40c; 1000 seeds, $3.50; 10,000 seeds, $25.00. Splendid mixture of above kinds: 100 seeds, 30c; 1000 seeds, $2.50; 10,000 seeds, $23.75.

EXHIBITION FLOWERS

No. 605—Harvested exclusively from select, finely fringed elite flowers, brilliantly shaded, the best cyclamen of the world, 1 pkg., 25c; 100 seeds, $1.00; 1000 seeds, $8.75.

SALMONEUM

6016—Novelty of the first rank; salmon-pink to scarlet, considerably improved by us, 100 seeds, $1.00; 1000 seeds, $8.75.

ROCOCO

NEW! Produces blooms of up to 4 inches in diameter. The best novelty out; competing in color effects with orchids. 100 seeds, $1.75; 1000 seeds, $15.00.

SNOWFLAKES

NEW! Glossy like silk and pure white. The blooms are of gigantic size, covering the plant during the blooming season like big snowflakes. Best kind for wreaths. 100 seeds, $1.00; 1000 seeds $8.75.

To give our Cyclamen a trial is to become our steady customer. Catalogues free to any address.

WEIGELT & CO., Erfurt, Germany

Specialists in Seed Cultures.

The Tottenham Nurseries Ltd.

(Established in 1872.)

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Dedemsvaart, Holland.

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted for growing this line, including Anemone Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for catalog.

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QUEDLINBURG, GERMANY

Grower and Exporter of Choice

Beet, Vegetable and Flower Seed

PANSIES

Mette's "Triumph of the Giants," the most perfect and most beautiful in the world, $5.00 per oz., $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. **Cash with Order.**

ROSES

Novelties Forcing and Bedding varieties. Field-grown, strong and healthy.

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GIVE ORDERS NOW





Grass Growing HEADS, PIGS.

Folding Pot Covers

Viola, 6 sizes.

Folding Xmas Bells

3 Qualities.

Wholesale Only

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Baskets, Waterproof Crepe, Wood Ribbon, Mats, etc.

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NOW READY FOR DELIVERY.

We are ready to book orders for

LILIUM LONGIFLORUM, ROMAN HYACINTHS, PAPER WHITE Grandiflora

and other forcing bulbs.

Our Florists' List is now ready; write for it. Surely something in it will interest you.

W. W. RAWSON & CO., Seedsmen

12 and 13 Faneuil Hall Sq., BOSTON, MASS.

Always mention the Florists' Review when writing advertisers.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

VISITED NEW YORK.—S. B. Dicks, of Cooper, Taber & Co., London, England.

SEED crops at growing stations in Ontario do not show average condition for this date.

CHARLES A. HEATH, of the Albert Dickinson Co., Chicago, has returned from a trip to the Yellowstone.

REPORTS from Canada indicate that deliveries from that section on some of the important varieties of wrinkled peas will be quite short.

C. C. MORSE & Co., Santa Clara, have a sweet pea novelty called Helen Pierce, bright blue mottled on pure white, which they consider the most distinct of their many introductions.

SEED salesmen report it unusually hard to get business. Competition is so keen that he who holds out for a fair margin of profit sees the other man walk out with the order. They all see a finish ahead but do not say whether it will be theirs or the other fellow's.

A CHICAGO board of trade operator has noted the fact that nowadays every farmer who has half a dozen bags of grass seed to sell puts an advertisement in one or another of the papers published for the flour and feed dealers. He wonders how the grass seed dealers like it.

REPORTS are received from Michigan, Indiana and Ohio, to the effect that an insect that works at the root of the cucumber vine is doing serious injury to the crops of cucumber in those states. This together with the blight mentioned last week makes things look as though cucumber seed will be a very short crop. Nebraska and the far east may make up the loss, however.

THE onion set harvest is about finished. The crop on the whole shows sets of nice size and good quality. In all sections a heavy falling off from last year is reported. The two-thirds of an average crop predicted at the beginning of the harvest has held out to the end. An anxiety on the part of the smaller grower to realize at once on his product causes a present depression in the prices and makes it look as though the crop is over-plentiful. This condition of the market is likely to change as soon as the large buyers get to know that the crop is short.

COOPER TABER & Co., London, England, are out with their crop report for August. In general they say crops on the other side are doing well. Short crops will be: Beet—Edmand's and Egyptian, 90 per cent; Dewing's and Crosby's Egyptian, 60 to 65 per cent. Cabbage—Red Dutch, 50 per cent; Fottler's Brunswick, and Red Rack, 75 per cent; Savoy cabbage a failure. Kohl Rabi—White Vienna, for forcing, a failure. Sage, 50 per cent. Scarlet Globe radish, 75 per cent. Ruta boga, 50 per cent. White Milan Turnip, 50 per cent. Cowhorn turnip, 80 per cent.

NEW Crop **Flower Seeds**

FOR AUGUST SOWING

Our strains of Cineraria, Calceolaria, Cyclamen, Primulas and Pansies are grown by renowned European Specialists and are absolutely unsurpassed in quality.

CINERARIA.
English Prize Mixed (show varieties) ½ trade pkt., 50c; trade pkt., $1.00.

CYCLAMEN PERSICUM GIGANTEUM.
Mixed (show var.) 50 seeds 40c; 100 seeds, 75c.

DOUBLE DAISY (Bellis Perennis).

	Trade pkt.	Oz.
Giant Snowball (pure white)	30c	$2 50
Longfellow (pink)	30c	2.50
Giant Mixed	30c	2.00
Choice German Mixed	25c	1.75

MIGNONETTE

Defiance, long spikes, fragrant, best for cutting	15c	.50
Machet (True), dwarf, deep red, fine for pots	15c	.50
Golden Machet	15c	.50

MYOSOTIS (Forget-Me-Not).

	Trade pkt.	Oz.
Alpestris Victoria, dwarf, sky blue	25c	$1.00
Alpestris, blue	15c	.40
Dissitiflora, large flowered, early	30c	2.00
Palustris, (True Forget Me-Not)	30c	1.50

PRIMULA—Chinese Primrose.
English Prize Fringed Mixed, unsurpassed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.

Primula Forbesi (Baby Primrose)	40c	
Obconica Grandiflora	50c	
Stellata (Star Primrose)	50c	

PANSY—J. & S. Kingly Collection.
Unquestionably the finest strain of Giant Pansy now offered to the trade, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00 ..... 5.00

SEE OUR PANSY OFFER IN AUG. 3 ISSUE.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

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LEONARD SEED CO. CHICAGO

ONION SETS.
Our crop is now harvested.

WHITE PEARL SETS
Ready to ship.
Write for Prices.

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are still being booked.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

PANSY SEED NEW CROP

The two best mixtures for florists.

Currie's International Mixture
1000 seeds, 50c; ⅛ oz., $1.25; 1 oz., $8.00.

Currie's Giant Mixture
1000 seeds, 25c; ⅛ oz., 60c; 1 oz., $4.00.
Write for price list of bulbs, plants, etc.

CURRIE BROS. CO.
Seedsmen and Florists, Milwaukee, Wis.

Mention The Review when you write.

Cyclamen Seed

FRESH CROP. Clean, Plump Seed

These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.

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38th St. and Senate Ave., Indianapolis, Ind.

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CINERARIAS Strong 2-in., very fine, $2.00 per 100.
CHINESE PRIMROSES 2-in., best grown, $2.00 per 100.

XXX SEEDS

CHINESE PRIMROSE
Finest grown, mixed, 500 seeds, $1.00; ⅛ pkt., 50c.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

GIANT PANSY The best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Thorburn's Bulbs

We are now booking orders for

LILIUM HARRISII,
Lilium Longiflorum,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.

WHOLESALE PRICE LIST NOW READY.

CYCAS REVOLUTA
at $8.00 per 100 lbs.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHAS. N. PAGE, Des Moines, chairman of the committee on postal laws of the Seed Trade Association, is at Washington this week to push matters in co-operation with the Society of American Florists.

DIGGS & BEADLES, Richmond, Va., report the summer seed trade as good, but not so good as last year. Heavy cabbage and potato crops were marketed below cost of production. Other truck crops have brought fair prices.

THE weather is very bad for the bean crops. The humid conditions are causing a mould that promises to do serious damage.

NEW CROP SEED

Of my well-known

Christmas Sweet Peas

READY NOW.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

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Brown's extra select superb Giant prize Pansies awarded Silver Medal St. Louis Exposition 1904. My own grown new 1905 crop ready. Price mixed seed, 3000 seeds, $1.00; ¼-oz., $1.50; ½-oz., $2.50; 1-oz., $5.00; ¼-lb., $14.00; ½-lb., $25.00; 1-lb., $50.00. Cash with order. Plants ready September 1.

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Cineraria Grandiflora.

	Trade pkt.
Medium Tall, Prize varieties, mixed	$0 50
Dwarf, Prize varieties, mixed	.50

Pansy Superb Mixed

⅛-ounce, 60c. ¼-ounce, $1.15. ounce, $4.50
Choice large flowering, mixed..... " 1.25

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Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

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Our NARCISSUS

for forcing cannot be beat. Write us regarding your wants.

PERRET'S PANSY SEED, 1905 stock at $4.00 per oz.; $2.50 per ½ oz.; $1.00 per trade pkt.; 50c per ½ pkt.

HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

Queen Beatrice

BURPEE'S SEEDS GROW

The Best that can be Grown!

AN UNPRECEDENTED DISTINCTION

THAT COMES TO US ON

OUR THIRTIETH ANNIVERSARY

We have been commissioned by Henry Eckford, the world-famed Sweet Pea Specialist, to handle in America, his **two most remarkable Novelties for 1906—HENRY ECKFORD AND QUEEN ALEXANDRA.**

The undernoted descriptions made from Mr. Burpee's personal observation on Mr. Eckford's grounds this Summer, truthfully portray the characteristics of those two charming varieties of Sweet Peas:

HENRY ECKFORD—An intense deep orange self, absolutely distinct and entirely unique—in a class by itself. Three flowers of fine form, with well expanded standard (but not hooded) are borne upon stiff stems twelve to thirteen inches long. The flowers are of good size and fine substance, prettily placed on the stem. It is an ideal buttonhole flower, and unequalled for night decoration, as it lights up so well either by gas or electricity. Received first-class certificate of the Royal Horticultural Society in 1905, and was awarded both the silver medal and first-class certificate at the National Sweet Pea Show, when first exhibited in 1904.

QUEEN ALEXANDRA—Even more intense in color than Scarlet Gem and does not burn, while the flowers also average larger in size. The standard is well expanded, wings slightly spreading, and the intense, glowing, self-colored scarlet flowers are generally borne three on a stem.

These Novelties should be included in the collection of every grower of Sweet Peas.

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and other Choice Stocks for Truckers and Market Gardeners. Prices reasonable. Quality Positively Unexcelled. Send for a price list. Address as above.

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Best German forcing and forcing **LILACS, SPIRAEA CLUMPS,** in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

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Pansy Seed NEW CROP GIANT MIXED

From the following strains: Trimardeau giant mixed, Cassier, Odier, Bugnot, Psyche, Ruby King and Prince Henry, $4.00 per oz., less quantity in proportion. Plants of the same strains will be ready October and later.

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Large flowering, "none better," oz., $4.00; 3 oz., $11.00. Cash.

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Highest grade always on hand

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White
or Yellow

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FOR IMMEDIATE DELIVERY

NEPHROLEPIS SCOTTII

Without a question the best commercial fern ever offered. Grows very rapidly making a very beautiful plant that sell very readily. We have a very nice stock of this which we offer at these special low prices for August:

2¼-inch pots, 75c	per doz.;	$ 6.00 per 100
4-inch pots, $3.50	"	25.00 "
5-inch pots, 6.00	"	50.00 "
6-inch pots, 12.00	"	90.00 "

JOHN WELSH YOUNG, UPSAL STATION, PENNA. R. R.
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PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.

PHILADELPHIA.

The Market.

The cut flower has been depressingly dull lately, flowers are abundant, demand light. Semple's asters are steadily growing in numbers. The quantity of poorer blooms of the early variety is large. Beauties from local growers are more plentiful and share in the general heaviness. Dahlias are improving.

Various Notes.

Samuel S. Pennock has purchased the building at 1610 Ludlow street. He will take possession October 1. The lot is about 25x80 feet. The ground floor will be added to Mr. Pennock's present large place, while the upper floors will be used for offices. The present tenants expect to vacate September 15, when the partition will be taken down and improvements pushed.

Berger Bros. will on September 7 remove from 1220 to 1237 Filbert street, with improved facilities for handling their growing business.

The Philadelphia Wholesale Flower Market is actively preparing for a vigorous campaign. They have secured a fine lot of stock.

The Philadelphia Cut Flower Co. is pleased with the weekly payments inaugurated January 1; they have been liked by the growers.

Eugene Bernheimer is handling nice asters and gladioli.

Philip Freud has returned from Washington.

Among the many visitors are Messrs. H. W. Rieman, Irwin Bertermann, John Wiegand, Indianapolis; Dunn and Asmus, Detroit; Lloyd Blick, Norfolk, Va.

PHIL.

PEORIA, ILL.

Trade is very dull, the florists depending upon funeral work for business. Collections are reported very slow.

Earl Metz, formerly at Murray's, has resigned his position with Miss Belle Miller and accepted a position with J. M. Gasser Co., of Cleveland, Ohio.

James C. Murray has disposed of his South Adams street store, known as Murray's Seed Store, to Frank E. Roe. Mr. Murray still intends to handle seeds and expects to do a fine business in a retail way. Miss Sadie Kirby will have charge of same. Wilbur N. Brothers, of Ottawa, Ill., has accepted a position with Mr. Murray.

Carnation houses are all planted here. Most of the stock looks fine.

C. Loveridge has one rose house of the Richmond rose which looks fine.

To Advertisers:

Please mail early copy for changes or new advertisements for next week's issue.

To Correspondents:

Kindly mail your letters for next week's issue one day earlier than usual.

Choice ASTERS BEAUTIES and KAISERINS

The Philadelphia Cut Flower Co.

Store Closes 6 P. M. until Sept. 16. Saturdays at 1 P. M.

1516-1518 Sansom St., PHILADELPHIA, PA.

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Wax Flowers, Wax Flower Designs,
WHEAT SHEAVES,
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Mention The Review when you write.

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Philadelphia, August 16.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium	$1.00 to	1.50
" Short		.75
		Per 100
Brides and Bridesmaids, Fancy	$4.00 to	$ 5.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	8.00
" Ordinary	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters, Select		1.50
" Common	.50 to	1.00
Orchids	15.00 to	25.00
Adiantum Cuneatum		1.00
" Croweanum		1.00
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Water Lilies		2.00
Pyrethrum.....per bunch 10c		
Lilium Auratum .....$1 50 per doz.		
Gladioli	1.50 to	2.00
Dahlias	1.00 to	2.00
Lilies, white, red, pink	4.00 to	8.00
Hydrangeas		5.00

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Send for our beautiful catalogue. Philadephia.

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For quality and quantity we are up to date.
Write for our new price list—now ready.
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Galax! Galax!
We are selling agents for Galax Leaves in our territory. Prices lowest considering quality. Car-lots a specialty.
BLAIR GROCERY CO., GALAX, VA.

Charles Millang, 50 W. 29th St. **New York**

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

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Beauties, Meteors, Brides and Bridesmaids are the leaders.
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Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations.
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OPEN ALL DAY.
AN UNEXCELLED OUTLET FOR CONSIGNED FLOWERS.
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Coogan Building, 55-57 West 26th St. NEW YORK CITY
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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YOU will find...
ALL the **BEST** offers
ALL the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

New York, August 14.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	.50 to 2.00
Brides and Maids,	Special	2.00 to 3.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		.50 to 4.00
Liberty		.50 to 10.00
Killarney		1.00 to 6.00
Orchids, Cattleyas		50.00 to 75.00
Carnations, Common		.50 to .75
"	Selects	1.00 to 1.25
"	Fancies	1.00 to 1.50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		.50 to .75
"	Croweanum	.75 to 1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		6.00 to 10.00
Lilies		3.00 to 5.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00
Daisies		.25 to .50
Mignonette		.25 to .50
Sweet Peas, doz. bun'es, 5c to 20c		
Gladioli		.50 to 1.00
Asters	bunch, 1c to 10c	

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Established 1888.
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QUAINT and CURIOUS JAPANESE PLANTS on hand for SHIPMENT ALL THE YEAR ROUND
Prices—15c, 20c, 25c, 50c, up to $5.00
MINIATURE JAPANESE GARDENS AND NOVELTIES UP TO 200 YEARS OLD. VISITORS ALWAYS WELCOME
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We have completed all arrangements for an enormous stock of every variety in the "GREEN GOODS" line for the coming season.
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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves.
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AT WHOLESALE.
Wild Smilax, Palmetto and Cycas (fresh cut) Palm Leaves, Galax, Leucothoe, Ferns and Mosses. Leaf-Mold, Orchid and Azalea Peats. Everything in Season.
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YOU WILL FIND.....ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

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Boston, August 16.

	Per 100
Beauties, Specials	$10.00 to $25.00
" Extra	6.00 to 8.00
" Short Stems	2.00 to 4.00
Brides, Specials	2.00 to 4.00
" Seconds	.50 to 1.00
Brideamaids, Specials	2.00 to 8.00
" Seconds	.50 to 1.00
Carnots, Kaiserins	1.00 to 6 00
Liberty	1.00 to 8 00
Carnations, Special	1.50 to 2.50
" Select	1.00 to 1.25
" Ordinary	.75
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bn. 35-50c	
" Sprengeri, bunch, 25-50c	
Smilax	10.00 to 12.50
Adiantum	.75 to 1.25
Sweet Peas	.15 to .20
Gladioli	2.00 to 8.00
Asters	.25 to .75
Lilium	6.00 to 10.00

Buffalo, August 15.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	5 00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	.50 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Pond Lilies	2.00 to 4.00
Gladioli	1.50 to 3 00
Speciosum Lilies	3.00 to 4.00

IN THE advertisement of Geo. Reinberg, 51 Wabash Ave., Chicago, on page 660, the price of Lawson should be $5.00 per 100, $45.00 per 1000 instead of $6.00 per 100, $50.00 per 1000.

Queen Beatrice
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Wholesale and Retail Dealers in all kinds of
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LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
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GALAX BRILLIANT Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5000.
LEUCOTHOE SPRAYS—Green or Bronze, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS—Fresh stock, per bbl. sack, $2.50.
SPHAGNUM MOSS—Large bale, $1.75; by freight, $2.00 per bale.
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Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, August 16.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	$0.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	2.00 to	4.00
Kaiserin	3.00 to	8.00
Chatenay	2.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy	1.50 to	2.00
Asters	.50 to	2.00
Harrisii	8.00 to	12.50
Auratum Lilies	5.00 to	12.50
Water Lilies		1.00
Daisies		.50
Gladioli	1.00 to	2.50
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-35c		
Sprengeri " 25-35c		
Ferns.....per 1000,	$1.00 to $1.50	.20
Galax.....per 1000,	1.00 to 1.50	.15
Adiantum Cuneatum		.75
Smilax.....per doz.,	$1.50	

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

The Weekly Florists' Review

NOW IS THE TIME TO

BEGIN!

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Successor to Wm. Clark

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Colorado Springs, Colo.

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ORCHIDS a Specialty.

Fancy VALLEY, ROSES, CARNATIONS and a full line of all Cut Flowers, Greens and Florists' Supplies.

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THE "OLD RELIABLE" FOR

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Hunt's Flowers Go Everywhere.

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Room 218. L. D. Phone 3284 Central.

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51 Wabash Ave., CHICAGO.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

All flowers are perfectly fresh and properly packed no charges for F. & D. on orders over $5.00

Always mention the Florists' Review when writing advertisers.

J.A.BUDLONG

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Flower Growers' Market,

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Write for special quotations on large orders.

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Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

THE CLEVELAND CUT FLOWER COMPANY,

AGENTS FOR THE EVERLASTING GREEENHOUSE TILE BENCH

Samples of which will be on exhibition at the Convention. Be sure and see it.

52 AND 54 HIGH STREET, CLEVELAND, OHIO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, August 16.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " No. 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	2.00 to 5.00
Kaiserin	3.00 to 5.00
Carnots	3.00 to 5.00
Carnations, Common	.50
" Select	.75 to 1.00
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1 00 to 2.00
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	1.00 to 2.00
Asters	.50 to 1.00
Gladioli	1.00 to 2.00

Milwaukee, August 16.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 20.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Best	4.00 to 6.00
" " Seconds	2.00 to 3.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	1.50
Asparagus Plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longiflorums	10.00
Sweet Peas	.15
Daisies	.50
Smilax	20.00
Ferns	.20
Asters	1.00

Cleveland, August 16.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1 00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Sweet Peas	.25
Asters	.50 to 1.50
Gladioli	1.00 to 2.00

SMITH'S Chrysanthemum Manual sent by the REVIEW on receipt of 25c.

C. A. KUEHN WHOLESALE FLORIST,

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

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Wholesale Commission Dealer in

Cut Flowers, Florists' Supplies and Wire Work of all Kinds.

Phone Main 980 **128 E. 3rd St., CINCINNATI, O.**

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C. E. CRITCHELL

Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

"Green Goods" are my Specialties.

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Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 & 112 E. 3rd St., Cincinnati, O.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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WHOLESALE FLORIST,

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ST. LOUIS, MO.

Geo. H. Angermueller

Wholesale Florist

Cut Flowers and Florists' Supplies

Consignments Solicited.

1324 Pine Street, ST. LOUIS, MO.

PETER WEILAND

Wholesale Grower of

CUT FLOWERS

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., Cincinnati, Ohio

All stock sold at the Prevailing Market Price.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, August 16.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	4.00 to 10 00
Brides and Maids, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 5.00
Meteor	2.00 to 5.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Select	1.25 to 2.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	6.00 to 10.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Callas	5.00 to 10.00
Adiantum	.75 to 1.00
Stocks	2.00 to 3.00
Gladioli	3.00 to 5.00
Asters	.50 to 2.00

Pittsburg, August 16.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 8.00
" Sho ts	2.00 to 3.00
Brides and Maids	1.00 to 5.00
Cusin	1.00 to 4.00
Kaiserins	2.00 to 12.00
Perle	2.00 to 4.00
Carnations	.75 to 2.00
Adiantum Croweanum	.75 to 1.25
Asparagus Plumosus, Strings	20.00 to 50.00
" Sprengeri, Sprays	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Lilies	12 00 to 15.00
Sweet Peas	.15 to .20
Asters	.50 to 1.50
Gladioli	1.50 to 3.00

THE REVIEW is a "bang-up" good paper.—JOS. W. FIELD, JR., Northfield, Mass.

LILIUM HARRISII and CALLA LILIES

Will quote you prices that will save you money.

D. RUSCONI, 32 W. 6th St., Cincinnati, O.

FERNS, ETC.

New crop, extra fine and hardy.

FANCY FERNS	Per 1000, $1.00
DAGGER FERNS	" " 1.00
GREEN GALAX	" " .60
LEUCOTHOE SPRAYS	" " 3.00

Twelve years experience. Send cash with first order.

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Queen Beatrice

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FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything In the Market. Novelties and Supplies of all Kinds.

1316 Pine Street St. Louis

Long Distance Telephone MAIN 2018-M

Mention The Review when you write.

SOAP SUDS IN LIQUID MANURE.

Will you kindly tell me if soap suds are injurious to plant life? I have a cistern for storing liquid fertilizer which is manufactured in an open tank and then drained into this cistern and then pumped on the plants as needed through the water pipes. I would like to drain the waste water from the kitchen sink and the stationary wash stands and the water from the weekly washings into it also, but am in doubt as to whether there would be anything injurious in it. C. J. B.

I am not prepared to say what proportion of soap suds would be beneficial or injurious to plants, but think that all the waste water from a kitchen sink would have nothing but good results. We remember very distinctly many years ago that a bed of pansies was situated just outside the kitchen door of a cottage. The good wife used to empty the dish water from the kitchen on this bed daily. Whether she emptied her wash tubs there too I do not know, but I guess she did. Whether it was the abundance of moisture or the greasy and soapy water I do not know, but never have I seen a prettier bed of pansies and they flowered until the snow came. I should say if your soap suds are diluted five or six times their bulk in water they will do no harm. W. S.

FEVERFEW IN WINTER.

To have a succession of bloom from feverfew what culture is necessary? Do you cut it back? If so, when? Would it bloom under glass in the winter and if so, which is best, solid beds or pots?

SOUTHERN.

This old, familiar border plant we consider of little value for cut flowers. Some scattering flowers are produced throughout the summer. When planted out the heaviest crop is in spring. The cutting back of old flower stems is all the stopping the plants need. We do not believe it would pay under any circumstances to grow it for cut flowers during winter, so we will not discuss the best method. W. S.

WE know our arguments are strong when we talk of ribbons, but we have the goods to back up our statements. Are you one of the florists who know what we can do? Better get in line, if you aren't. Samples free.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

Mention The Review when you write.

HARDY CUT FANCY AND DAGGER FERNS



$1.00 per 1000, best quality. Discount on larger orders.
BRILLIANT BRONZE AND GREEN GALAX, $1.50 per 1000.
We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss. $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves. $4.00 per 1000.
Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.



We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**
Mention The Review when you write.

PILCHER & BURROWS
Brokers. Florists' Supplies.
FIRST-CLASS ACCOUNTS SOLICITED. If You Want to BUY or SELL. CORRESPOND WITH US.
717 N. Fourth Street, ST. LOUIS, MO.
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HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**
Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**
Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY
Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.
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VIOLETS
10 000 Farquhar and Imperial, all sand-rooted from clean stock, February and March struck, from 3-in. pots, ready in September, $3 50 per 100; $30.00 per 1000. Cash with order, please.
A. J. THOMPSON,
757 Campbell Ave. West Haven, Conn.
Mention The Review when you write.

Japanese Moss
Packed in paper cartons. "Moss and nothing but Moss;" no sticks or dirt. Less than half the price of German Moss.
L. WERTHEIMBER & CO.
Foreign and Domestic Specialties,
39 BARCLAY ST. NEW YORK, N. Y.
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FOR ROSES
Ferns of all kinds, Cinerarias, Chinese Primroses and Cyclamen, see Kuhl's Adv. in August 3 issue. Write him at Pekin, Ill. You will not regret it.
Mention The Review when you write.

ORCHIDS
Arrived in superb condition
Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.
Write for Prices.
Lager & Hurrell, Growers and Importers... **Summit, N. J.**
Mention The Review when you write.

VIOLETS.
Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better. Only $2.00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.
GEO. T. SCHUNEMAN, Baldwins, L. I, N. Y.
Mention The Review when you write.

LUDVIG MOSBAEK, Onarga, Ill.
30,000 Asparagus Plumosus Nanus and Sprengeri, 3-inch, $6; 4-inch, $10; 2¼ inch, $2.50 per 100.
5,000 Smilax, 2¼-inch, $1.50 per 100.
Bedding plants, list mailed.
Pansy plants in bloom and seedlings.
Pansy seed, Florists' Intern., ⅛ oz., $1; oz., $7.
Pansy seed, Giant mixed, ⅛ oz., 65c; oz., $1.
5,000,000 Celery plants, 1000, $1.00; transplanted, 1000, $2.00. List mailed.
Mention The Review when you write.

CYCLAMEN Per 100
2-in. Cyclamen, in 5 separate colors.....$4.00
Pansy Seed for florists, extra fine imported strains, ½ oz., $2.50; 1 oz., $5.00.
Boston Ferns, for immediate delivery, 5-in., fine stock, $3.00 per doz.; $25.00 per 100; $240.00 per 1000. Write for prices on other sizes.
D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**
Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

WILLIAM H. DONOHOE

Telephone No. 3034 Madison. **No. 2 West 29th St.** One door off Fifth Ave. **New York.**

The leading florists in all the large cities of the United States and Canada can safely intrust their theatre and steamer orders to me. Personal attention guaranteed. I ask but for one trial to insure your confidence.

ORDERS FOR....

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J. J. Habermehl's Sons

Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

A. GUDE & BRO.

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Washington, -- D. C.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

Julius Baer,

138-140 E. Fourth Street,
Long Distance Phone.
Cincinnati, Ohio

ATLANTA FLORAL CO.

41 Peachtree Street, ATLANTA, GEORGIA

Orders for **MINNESOTA** or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.
Long Distance Phone Bell Lindell 676.

Your orders for
LOUISVILLE, KY.
will be properly taken care of by
AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

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HUGH GRAHAM CO.
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104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

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Palmer's

BUFFALO, New York.

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

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Orders Executed Artistically.
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Long Distance Phone 2180. COR. 14th and H STS.

Alexander McConnell

546 FIFTH AVENUE
Cor. 45th St., N. W.
NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : - :

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Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144L. 104 So. Carolina Ave.

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WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

LEIKENS

Near the Waldorf-Astoria
7 E. 33rd St., New York City.

L. I. NEFF,

Florist, 218 6th St.
PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

J. J. BENEKE,

1216 Olive Street **ST. LOUIS, MO.**

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

THE indications are that the importations of French nursery stock for next season will be heavier than ever.

WHEREVER the improved varieties of lilac were seen in flower last spring there is a call for plants.

THE North Carolina dealers report natural peach pits to be in fair quantity and good quality.

THERE is a call from leading private estates for espalier-trained apple-trees, such as are so largely used in France.

MINNESOTA nurserymen are pushing northern grown plum seedlings, which are reported to have given good satisfaction to those who have used them.

ROCHESTER, N. Y.—Brown Bros. Co., of this city, are the introducers of the Baby Rambler rose to the trade of the United States. It was while on a visit to France in the summer of 1902 that Mr. Charles J. Brown first saw it, and readily foreseeing what a good thing it was immediately closed a contract with the originators, Messrs. Levavasseur & Sons, for the control of it in the United States until the fall of 1906.

CUTTING PEONIES.

Although too late to be of service for this season it is worth while recording here that in cutting peonies one should invariably leave one or more leaves on the stalk. If cut below the last leaf it usually prevents that eye from multiplying for the next season, and if the practice is continued it is likely to kill the plant in from four to five years. This statement is suggested by the fact that a nurseryman who three years ago sold a lot of Festiva maxima and other good sorts to a cut flower grower who is now clearing his land, bargained to take them back at the price received for the small plants, but refused when he went to see them blooming last month and found how they had been cut. He said they were one-third weaker than when he sold them.

SEQUOIA SEEDLINGS.

Contrary to prevalent belief, the famous "big trees" of California do reproduce themselves under certain favorable conditions. The trees seed freely, but the seed rarely germinate except when they fall where the ground has recently been burned over. Once started the young growth only needs a moderate amount of light and protection from fire and stock grazing. With some care this race of forest monarchs need not become extinct, but may be greatly multiplied. The number of mature trees is not great, and healthy young growth is rare, but in some situations there are plenty of seedlings. In order to establish these trees more widely, it is proposed to move some of the seedlings to localities where they will be apt to grow.

THE Southern Nurserymen's Association is holding its annual convention this week, August 16 and 17, at Norfolk, Va.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

THE SHREWSBURY NURSERIES
EATONTOWN, NEW JERSEY
Offer a full line of well-grown ORNAMENTAL STOCK Call or write for prices.
Eatontown is forty miles from New York on the Southern Division of the C. R. R. of N. J.
Mention The Review when you write.

PEONIES 200 Choicest Varieties. Large Stock.
LILIES, Hardy Sorts, about 40,000 bulbs.
GLADIOLI, in fine named and unnamed sorts.
DAHLIAS, Richardias, Madeira Vines.
SUGAR MAPLES 6 inches to 10 feet, 100,000.
CATALPA speciosa seedlings. List in season. E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc
QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
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FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
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Queen Beatrice

The first extensive transplanting of the "big trees" has recently been finished in the General Grant national park, California. In the spring of 1904 it was noticed that a large number of tiny sequoias sprang up where debris had been burned. Advantage was taken of the opportunity to place the seedlings which appeared where they would have opportunity to develop. Those in charge have thus far transplanted about 1,400 and those set last year have nearly all grown.

PEACH PITS
CROP 1904
We still have a few hundred bushels on hand. They will crack 90 to 95 per cent good. You had better order now and be on the safe side. Experience has taught us that Peach Pits one year old are better than the new crop.
Samples and prices on application. State quantity wanted.
We also have a fine lot of Apple, Peach, Plum, Cherry, California Privet, Asparagus, Shade and Ornamental Trees, Shrubs, etc.
Send us your Want List.
Franklin Davis Nursery Co.
BALTIMORE, MD.
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D. AND C. ROSES
are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½ 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
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THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
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PEONIES
in choice assortment for florists, from earliest to latest, all named. Write for prices.
NARCISSUS double white, perfectly hardy, fragrant, beautiful fine for Decoration Day. 50,000; price low to close out.
F. A. BALLER, Bloomington, Ill.
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Baby Ramblers
and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
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DAHLIAS
One Hundred and Thirty Acres
ROOTS AND BLOOMS in any quantity
L. K. PEACOCK, Inc., Atco, N. J.

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SLUGS OR SNAILS.

I am fighting a small, dark snail. I think I got them into my greenhouses through plants bought with soil. Occasionally I find from one to two dozen small eggs the size of rape or cabbage seed in a pot under some dead leaves. What will kill them and clean the place of this pest?

Please give your best remedy for the small white fly in the greenhouse. They do up my asters. Tobacco or nicotine does not seem to bother them.

M. M. G.

There seems no distinction with many here between the two. In Europe slugs are the thing so troublesome to ferns. They have no shell or house to which to retire. Snails carry their shell on their back. Both eat what they are fond of in the vegetable kingdom, therefore, lettuce or cabbage leaves that have been dipped in water containing a teaspoonful of Paris green to a gallon of water and laid around on the benches will settle them. Air-slaked lime dusted over the benches and plants is the usual and effective remedy for slugs on ferns.

The sure, safe and effectual destroyer for the white fly in the houses is the hydrocyanic-acid gas. W. S.

ASTERS.

Is it better to leave cut asters in water a while as you do mums before shipping, or can you cut them and ship immediately? Which is the better way? How long is the average stem of the aster and how short acceptable at the wholesale houses? F. A. K.

Asters are by no means a flower that wilts quickly and there is no need of keeping them long in water before shipping. Cut late in the day and shipped the next morning is plenty long enough to keep in water. If circumstances do not allow of that then they can be cut and shipped at once, but the former plan is preferred.

The length of stem will depend on the season and scarcity of the flowers. When asters are plentiful an average of eighteen inches would be considered a fair stem and from eighteen inches to two feet a fine stem. When they first come in, thousands of flowers are sold with stems nine inches to one foot. In September we have seen Semple's branching variety with three-foot stems. About eighteen inches is the average. W. S.

WINTERING CANNAS.

I wish you would tell me how to winter canna and caladium bulbs.

L. W. B.

We have never failed to winter canna roots with scarcely any loss by putting them on boards beneath a carnation bench. If the ground is damp and you do not put down the boards they will start to grow. From the time you put the cannas under the bench until time to take them up to start them, there should be no need of watering the carnations so copiously that there is any drip. Drip is very injurious to the canna roots. That is why beneath a plant bench will not do. Caladiums we prefer to put under a rose bench, as the temperature is a little higher. They keep well there. W. S.

PEONIES! PEONIES!

Strong Roots, averaging three eyes or more to each root.

Choicest named varieties, pink and red	$10.00 per 100
" " " white	15.00 "
Double choice varieties, mixed	6.00 "
Single, named varieties	15.00 "
Single varieties, mixed	10.00 "

100,000 HOLLYHOCKS, elegant plants, free from rust and other diseases. In addition to the Double varieties in separate colors and in mixture, I have a great many singles; also Henderson's Everblooming and Allegheny. I make a specialty of Hollyhocks, Phlox, German and Japanese Iris, and Peonies. Prices and details cheerfully furnished upon request.

I have thirty acres solidly planted with **HARDY HERBACEOUS PLANTS** and invite inquiry for same. My Japanese Anemones, Veronica Longifolia Subsessilis, English Hybrid Delphiniums, Foxgloves and Oriental Poppies are especially fine; to say nothing of my superb assortment of Hardy Asters, Hardy Chrysanthemums, Hardy Pinks, Gaillardias, Funkias, Hardy Sunflowers, Moss Pinks, Platycodons, Pyrethrums, Rudbeckias, Hardy Grasses, etc.

DON'T FORGET LOVETT'S DWARF BOLTONIA, the best Hardy Perennial of modern times.

J. T. LOVETT, Little Silver, N. J.

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Queen Victoria. Photo. taken after cutting 30 000 blooms for cold storage.

Peonies

WHITE, generally called Queen Victoria has been known to keep 6 weeks in cold storage, $9.00 per 100: $80 00 per 1000.

FRAGRANS the tall grower and bloom-producer, $6.00 per 100; $50.00 per 1000. For prices on other varieties, including Festiva Maxima, write

GILBERT H. WILD, SARCOXIE, MO.

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American Arbor-Vitae

Broad and bushy trees, well branched on all sides, in grades from 3 to 6 feet high. Have been transplanted three times and are supplied with such an abundance of fibrous roots that there is scarcely a possibility of loss from moving. Can be shipped either with or without ball. **SPLENDID TREES FOR SCREENS AND HEDGES.**

Compact, Globe, Pyramidal and Vervaene's

ARBOR-VITAES in extensive quantities.

Ornamental Nursery Stock

Of all kinds AT WHOLESALE PRICES to those who buy for commercial purposes, **TRADE LIST FREE.**

The William H. Moon Co., Mill St., Morrisville, Pa.

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YOU WILL FIND **ALL** THE **BEST** OFFERS **ALL** THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

PEONIES

AND OTHER HARDY PLANTS.

WHOLESALE ONLY.

LOWEST PRICES. Send for list.

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ST. LOUIS.

The Market.

From the reports of several of the storemen in the West End, and also downtown, business was fairly good the past week. Most of the orders were for funeral work, and it is only occasionally that we hear of an order for a wedding or party.

First-class fancy stock is coming in light in all varieties, with demand fairly good. Roses in the first and second grades are a little too plentiful. The short-stemmed Brides, Maids, Carnot, Ivory and Kaiserin that come in are good in flower.

Carnations are very slow and of poor quality, especially the colored stock. Whites are fairly good and seem to sell much better than the colored stock. Asters are a glut in all colors and are selling very cheap. Gladioli and tuberose stalks are also in greater supply than the demand. Valley is fine but in poor demand. The above is about the only stock that comes to this market. Greens are as usual, plentiful.

Florists' Club Meeting.

The meeting of the Florists' Club took place on Thursday afternoon, August 10, with all the officers present, the attendance being thirty. The reports of the different committees were made. The transportation committee reported that everything was in readiness for a very enjoyable trip to Washington with our friends from Chicago, Milwaukee, Detroit and Buffalo. The party left twenty-five strong at 8:30 Sunday night, via Wabash to Detroit. Anton Pohnan was elected a member of the club. The resignations of Henry Felter and H. M. Schisler were read and accepted.

Election of Officers.

The election of officers resulted as follows: For president, J. F. Ammann, of Edwardsville, Ill.; for vice-president, John Steidel, of Central, Mo.; for secretary, Emil Schray; for treasurer, Fred H. Meinhardt; for three trustees, for the three-year-term, Carl Beyer; for two years, Frank Weber; for one year, F. J. Fillmore, which will give the club a good set of officers for the year.

There was quite a discussion on cold storage bulbs in which all the growers took part. Frank Weber made a few remarks as to how to reach his place, where the next meeting of the club will be held. He also made a special announcement that he wanted to see the ladies present in full force. The meeting then adjourned after which a great deal of convention talk was indulged in.

Various Notes.

Arthur J. Ellison left for the northern lakes last week to visit his parents, but will return in a few days.

John Connon is very busy putting the finishing touches on two new houses. This, John says, will keep him from attending the S. A. F. at Washington.

Fred Bruenig's place, on Gravois avenue, is in fine shape. Rumor has it that Fred bought a hundred acre farm near Columbia, Ill.

George Waldbart's place at Clayton is producing thousands of fine white asters, single tuberose spikes, and gladioli. He also has 100 different varieties of dahlias, which are now coming in.

The force at Kuehn's will start in this week making preparations for the fall and winter trade, a good thing to do when the boss is away.

John Hausel, on Taylor avenue, reports a good summer trade at both of his places, the other one being on Easton avenue.

Robert Meinhardt, who recently opened a store in the West End, reports trade fairly good for this time of the year.

W. E. Jordan, out on Union avenue, is busy making necessary improvements for the winter. Willie has a fine lot of chrysanthemum plants.

Ostertag Bros. the past week turned out a large number of big funeral designs.

Mrs. J. F. Windt and daughter, not having returned home from the east, will keep Rude home from the convention.

The bowling club that will represent St. Louis in the S. A. F. bowling tournament at Washington will be made up as follows: C. A. Kuehn, Carl Beyer, J. J. Beneke, F. M. Ellis, Fred Meinhardt, Fred C. Weber and Theo. Miller. This team should make a good showing and we hope it will. J. J. B.

WAUKEGAN, ILL.—On August 8 deeds were filed here conveying fifteen acres of land near Libertyville from E. F. Kurowski, president of the John C. Moninger Co., Chicago, and his wife, to the Chicago Rose Co.

FANCY OR DAGGER FERNS No. 1 STOCK, only 50c per 1000



GALAX, Brilliant bronze or green, 75c per 1000.

Use our laurel festooning for your Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application, we make it daily, gathered fresh from the woods. Hand made, full sizes. 4c, 5c and 6c per yard. Once used, always used. Branch Laurel, 35c per large bundle. Princess Pine by the pound or made into festooning when desired.

CROWL FERN CO., -- MILLINGTON, MASS.

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PRIMULA, quality guaranteed. Obconica Grandiflora, finest fringed, Alba and Rosea, new lot ready soon. 2-inch, 2c.

GIANT CYCLAMEN, mixed, of the very finest quality, just arrived from Europe, 55c per 100; $4.50 per 1000, prepaid. Cash. Some clippings from our mail:—GA.—My Pansies bought of you are fine, all in bloom. OHIO—The Pansies I got of you some time ago are in bloom and are fine. 2d order. PA.—Pansies were O.K. This is not from our own town. FLA.—My customers are very much pleased. They turned out the finest blooms in city.

Our strain for this season is still better. Quality talks when it comes to retail trade and the people see the blooms. Write us also on HOLLYHOCKS.

BYER FLORAL CO., SHIPPENSBURG, PA.

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BRIDES

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

GOOD STOCK CHEAP!

Agaves (Century Plants), variegated, 17 good leaves, 20 to 24 in. high, $2.50 each. Asparagus Plumosus Nanus, heavy 5 to 8-in. tops, from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.90 per 100.

Pierson Ferns, 3-in., 9c each. Boston Ferns, 3-in., 6c each. Klondike Roses, 2-in., 10c each.

CASH WITH ORDER.

MAYER & SON, WILLOW STREET, Lancaster Co., PA.

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Helen Goddard

The coming commercial pink carnation, rooted cuttings ready Jan. 1, 1906, $10.00 per 100; $75.00 per 1000.

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SOL GARLAND

Des Plaines, Ill.

CARNATIONS

MY SPECIALTY.

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Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

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BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS. COLEUS and general bedding stock in large quantities. Write for prices. Cash or reference.

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CELESTIAL PEPPERS

4-in., $15.00 per 100.

Smilax, 2-in.	$2.50 per 100
Rex Begonias, 4-in.	15.00 per 100
4 Flowering Begonias, 4-in.	10.00 per 100
New Barrowsii Fern, 3-in.	50.00 per 100

See our adv. in last issue.

GEO. A. KUHL, PEKIN, ILL.

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PRIMULA BUTTERCUP

2-inch, $3.00 per 100.

FIELD-GROWN CARNATIONS FINE PLANTS

Enchantress	$6.00 per 100
Peru, white	4.00 per 100

A. JABLONSKY, WELLSTON, MO.

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Choice Northern Field-Grown
ROSES
Also Rose Plants

leading varieties out of 2½-inch pots, at prices which will interest you.

C. M. Niuffer, Springfield, O.

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GERANIUMS

Single and double, standard varieties, named, $2.50 per 100.

Ivy Geranium, 2-in.	$2.50 per 100
Boston Ferns, 8-in. pans, $10 per doz.	
Asparagus Sprengeri, 2-in.	2.50 per 100
Asparagus Plumosus, 2-in.	2.50 per 100
" " 3-in.	4.00 per 100
English Ivy, 2-in.	2.00 per 100
Bride and Bridesmaid Roses	2.50 per 100
American Beauty, 2-in.	4.00 per 100
Dracaena Indivisa, 2-in.	2.50 per 100
" " 3-in.	4.00 per 100
White Moonvines, 2-in.	2.50 per 100
Fuchsias, named varieties, 2-in.	2.50 per 100

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Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

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BEGONIA VERNON

2½-inch pots, $2.50 per 100. Per 100

COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

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Gerbera Jamesoni

I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3.00 per dozen.

CHARLES H. TOTTY, MADISON, N. J.

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Queen Beatrice

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Hardy Cut..FERNS

FIRST QUALITY, **60c** per 1000

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery use

BOUQUET GREEN, SPHAGNUM MOSS, etc.

L. B. BRAGUE, -- Hinsdale, Mass.

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The best is the cheapest in the end.

25,000 LARGE, BUSHY, HEALTHY FIELD-GROWN

CARNATION

Plants Now Ready

	Per 100		Per 100
Fiancee	$15.00	May Naylor	$5.00
The Cardinal	14.00	Her Majesty	5.00
The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
White Lawson	6.00	Queen Louise	4.00
Thos. Lawson	6.00	Crusader	5.00
M. A. Patten.	6.00	Challenger	4.00

—CASH—

C. L. HOWE, DOVER, N. H.

CARNATION SPECIALIST.

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Carnations FIELD GROWN

2000 The Belle	$10.00 per 100;	$95 00 per 1000	
2000 Flamingo	8.00 "	75.00 "	
1200 Mrs. Patten	8 00 "	75 00 "	
1500 Nelson Fisher	8.00 "	75 00 "	
1100 Mrs. Nelson	6 00 "	55 00 "	
1800 White Cloud	6.00 "	55 00 "	
500 Prosperity	6.00 "	55.00 "	

CHRYSANTHEMUMS

Fine plants ready to shift; 1000 fine Wm. Duckham, 100 Ben Wells, 150 Thirkell, 350 C. H. Diedereich, 150 F. S. Vallis, 100 Millicent Richardson, 2-inch, $3.00 per 100. 50, 3-inch Ben Wells and 300, 3-inch Wm. Duckham, $4.00 per 100.

ROSE PLANTS.

100 4-inch Perles, $8.00; 200 3-in. Brides, 900 3-in. Maids, $4.00; 150 Gates, 150 Perles, 125 Ivory, 50 Meteor, 2½-in., $3.00 per 100. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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LAST CALL!
KILLARNEY

BEST PAYING PINK ROSE.

A few hundred fine plants in 3½-in. pots, **$25.00** per 100.

Pres. Alex. Montgomery of the American Rose Society has planted a house of it and predicts great success for it.

SIEBRECHT & SON,

Rose Hill Nurseries, **NEW ROCHELLE, N. Y.**

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VIOLETS

From 3-in. fine stock, ready now. Princess of Wales, M. Louise and Imperial, $4.00 per 100; $35.00 per 1000.

ROSES

Chatenay, La Detroit and Meteor, from 3-in., $4 00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

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Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

	Each
5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers.	$0.50
5½-in. pots, 13 to 15 in. high, 3 to 4 tiers	.60
6-in. pots, 16 to 18 in. high, 3 to 4 tiers	.75
6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers	1.00
6½-in. pots, 20 to 24 in. high, 5 to 6 tiers	1.25

Araucaria Compacta Robusta, unusually large, very beautiful, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca. 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each.

Kentia Forsteriana. 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c; 4-in. pots, made up, 3 in pot, about 10 leaves in all, 20 in. high, 25c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica. imported, 4-in. pots, 25c.; 5 and 5½-in., 35c. and 40c. each; 6-in. pots, very fine, 50c each.

Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, ready for 5 or 6-in., very strong, at 12c to 15c; 5-in., strong, 25c.

Asparagus Plumosus Nanus, 3-inch pots, $7.00 per 100.

Cocos Weddelliana. 3-in., 15c. By doz. or 100.

Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each. 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c. 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c.

Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

NEW BEGONIA

Turnford Hall

from 2-inch pots, $15 per 100; $140 per 1000.

LEHNIG & WINNEFELD, Hackensack, N. J.

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Finest of Everything in
CUT FLOWERS
Well Packed Promptly Shipped Prices Right
IF YOU DO NOT KNOW THIS, A TRIAL WILL CONVINCE YOU.
EDWARD REID, Wholesale Florist
1526 RANSTEAD STREET, PHILADELPHIA

SAN FRANCISCO.

The Market.

There is no improvement to report in the line of business for the week. The weather continues cool and flowers are very plentiful, that is, seasonable flowers, such as asters. They are extra good and very cheap. The rose and carnation growers are in the midst of replanting at present and crops are short with everyone, but as the demand is light there is no ill feeling anywhere. Amaryllis and Lilium album and rubrum are much used by the dealers and they make a grand showing in the store windows. Tuberoses, gladioli, dahlias and coreopsis are in good supply and are good to fill in. Some smilax is being cut but is very soft yet and will not be good for several weeks. Maiden-hair and asparagus are plentiful.

Various Notes.

R. A. Wilson, of Monrovia, is in town.

James Kidd has returned from his trip to Southern California.

The McAllister St. Florists have removed to 942 Devisadero St.

Arthur Zinkman, representing M. Rice & Co. of Philadelphia, is visiting the local florists this week.

A. Rolleri, the green goods man, is taking a week's vacation at Santa Cruz.

J. I. Roney is contemplating a trip to Gold Field, Nev.

James Skinner, of Christmas tree fame, is in town on his annual trip. He brought with him fifty large bay trees in tubs, from Portland, Oregon, which he has disposed of in some of the prominent places around town.

The following clipping from the San Francisco Bulletin of August 6 would give the impression that the government officials know where to look when information is wanted for the Department of Horticulture:

Santa Cruz, Aug. 5.—Thomas Thompson, the local florist, received an order from the Department of Agriculture at Washington for one thousand paper white narcissus bulbs. The attention of the department to these flowers was first arrested by a cut in the Florists' Review of Chicago, in which was portrayed a field of these flowers at Thompsons' in full bloom in midwinter. Since then the agents of the department have visited the nursery and the flowers were pronounced to be in the finest condition of any in the country.

G.

ROSES AT SAN FRANCISCO.

The time is near when our rose growers will commence to replant their stock under glass. From observations I have made I do not think there will be any more space devoted to this branch of the business this year than there was last. Although there have been a few houses erected in San Francisco, Burlingame, Elmhurst, Berkeley and several other places in this vicinity during the past year for this purpose, there have been a good many greenhouses discarded for rose-growing and planted either to carnations or general stock. I might add here that our San Francisco florists could use more good roses than they are able to obtain about ten months in the year. Growing good stock is not an easy task. A few hours' neglect may ruin a whole crop. As a consequence of some failures we have much more space devoted to carnations and the proportion is growing greater each season.

Beauties will be planted extensively again. Some growers will carry over their old plants and for that end are pruning heavily at present. Budded roses I notice are most favored, although some plant stock on its own roots, but I have always found that to produce a big flower and a strong stem you must have a big plant to begin with, and cuttings are a long time in furnishing one; hence the demand for field-grown budded roses.

Bridesmaid easily ranks second in the proportion of stock planted. Kaiserin is third on the list. Many growers do not handle it at all, but with others it is grown to the exclusion of any other white variety. Bride is a close second to Kaiserin and among the red varieties Liberty has to a great extent taken the place of Meteor, which is a very uncertain sort with us. Very few yellows are grown. Perle is the only kind I have seen, although some years ago Sunset was planted in a few places. Papa Gontier has also been relegated to a back seat, together with Rainbow, Niphetos, Cusin, and Golden Gate. I do not mean that these are no longer grown, but they are certainly not planted nearly as much as formerly.

Several wholesalers handle Ulrich Brunner, Mrs. John Laing and Pres. Carnot to good advantage and claim they are the best paying crops they grow. Cecil Brunner is a money-maker for almost everyone and I find it is usually planted in some out-of-the-way corner or often against some dark wall where nothing else will make any showing at all.

Of the newer kinds Chatenay seems to be the most favored and will be planted quite heavily in several of our largest places. Ivory has been tried but will be discarded from all accounts, as it shows no superior points to our other whites. Sunrise and Queen of Edgely will be planted in probably half a dozen places. And this finishes the list of roses in about the proportions I have found them in over a dozen of our largest commercial places.

G.

SEATTLE, WASH.

Various Notes.

That the Woodland Park Floral Co. have not been idle this summer was plainly in evidence when the writer made them a call a few days ago. Everything was in fine shape. They have 25,000 carnations planted on the benches, some of the earlier planted ones in bloom, most of them tied up with the second tier of strings. Four houses of roses were fine, the mums strong and the violets clean. This firm is paying more attention to the decorative plant business. The increased call at their downtown store for such plants had to be met and a choice collection of crotons and other attractive plants are now being grown. The foundation for a new boiler was being dug, and the winter supply of wood, some 400 cords, was being stacked up before the rainy season sets in.

At the Washington Floral Co. a bench of 500 poinsettias showed that something would be doing about Christmas. Mums were excellent. A few carnation benches were still left in, but this week will see their finish. A nice office and show house were added this summer and the whole place has a neat and attractive appearance.

A visit from an old friend in the person of W. W. Wilmore, the dahlia specialist of Denver, Colo., was a pleasant surprise. This is Mr. Wilmore's first visit to the Pacific Coast and his impressions of our neck of the woods were unique. He would liked to have taken bodily some of our magnificent trees and transplanted them on his place in Denver. The giant ferns, the endless variety of shrubbery and evergreens were very attractive to a person used to the brown prairies, the cactus and sagebrush of Colorado. Mr. Wilmore was rather surprised at the ease with which dahlias are grown here. He recognized a good many of his own introductions, as his trade in Seattle and the state of Washington is quite extensive. Mr. Wilmore had been to the fair at Portland, and had seen all the sights even to "Gay Paree" on the Trail.

Other visitors this week were Sidney Clack, of Menlo Park, Cal., and Mrs.

HANNAH HOBART THE PRIDE OF CALIFORNIA

The grand prize winner in competition with the latest and very best products in Carnations, east or west, for the last eight years.

Mr. John A. Balmer, of Olealum, Washington, after his visit to our nurseries in January, 1902, wrote an article for a trade paper in which he said: "The Hannah Hobart is really a remarkable flower, never less than four inches, and frequently four and one-half inches across. In color it is a shade deeper than Lawson, but the petal arrangement is quite different, in this respect it most resembles the old Jubilee, but of course the color is different. I saw two large houses of it at Sievers', and the sight is one long to be remembered, hundreds of blooms and not a poor one in the lot, and everyone the exact counterpart of the other, no burst calyxes, but every flower supported on a 24-inch stem, and standing up like soldiers. There is certainly no carnation of its color that can equal it."

The above is a truthful statement of facts by a very competent gentleman, and if needing verification, the simple assertion that the flowers of this magnificent variety of Carnation have been sold wholesale as high as $1.50 per dozen, and none less than $1 per dozen up to date, should be enough to convince anybody of its intrinsic value. (See illustration of an average bloom in the Florists' Review, June 1, 1905.)

The constant inquiry by everyone who has seen the plants in flower is: **"When will the Hannah Hobart be for sale?"** This led us at last to the conclusion to distribute the same next year, and we are ready to book orders from now on for delivery beginning Jan. 1, 1906.

Send your orders in early because they will be filled strictly in rotation. **Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.**

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

Barbee, of Ocean View, San Francisco, who is one of the largest shippers of California violets to the Seattle market.

A. B.

GLEN COVE, N. Y.

Nassau County Horticultural Society.

The regular monthly meeting of this society was held August 2 at the Glen Cove Greenhouses. The attendance was again large. President Harrison occupied the chair. The chief business was the further organization of a flower show to be held in Glen Cove. The dates fixed for such were November 1 and 2. It is to be hoped that this, the society's first show, will be a success. Competition is open to all comers, so all are heartily invited. Already two handsome cups and other substantial prizes have been promised, but more will be heard of at a subsequent date.

The exhibits this month were chiefly fruits. President Harrison came forward with a melon, a hybrid of his own raising. It is one of good size and shape, red fleshed and of excellent flavor. Such was the verdict after the slicing.

Mr. Halloway brought some fine apples and a tempting bunch of black hothouse grapes. The variety was Madresfield Court and the berries showed no signs whatever of splitting. Splitting seems common to this grand variety, but without doubt Mr. Halloway knows the way to success with it. Naturally this bunch had to be sampled, as all declared that melons and grapes go well together.

Mr. Rickards, of Stumpp & Walter Co., put up a prize of $3 for next meeting's best exhibit.

JOHN F. JOHNSTON.

CONVOLVULUS MAURITANIOUS.

Notwithstanding that Nicholson thought this beautiful prostrate twining plant worthy of a full page colored plate in his Dictionary of Gardening, there is reason to fear that it is falling out of cultivation, and yet forty and less years ago it was much employed as an edging to vases and large stone baskets, etc., where its slender stems bearing bright silvery blue blossoms could hang down over the sides in graceful festoons. It was associated with thunbergias, maurandia, lophospermum and kindred subjects, and also with prostrate foliage plants. It is too good and useful a subject to be allowed to fall away into almost utter neglect. It is not very fastidious as to soil; what is generally recommended for it is a light sandy earth and a sunny position, but it will flourish and bloom freely in a stiff soil in some positions. This convolvulus is generally propagated by means of cuttings; it also can be raised from seeds. I am wondering if there is on record any instance of variation in the type being found among seedling plants.—Horticultural Advertiser.

ARENARIA MARITIMA.

It is a pity that this charming plant is not more generally grown; like the sandworts generally, it is of very low habit of growth, the branching, slender foliage rising but a few inches above the soil, over which it spreads freely from a central rootstock. It is very floriferous, the whole plant being covered with pure white blossoms about as large as a shilling, forming a sheet of snowy purity for weeks in succession. It is perfectly hardy, and thrives in ordinary garden soil in the full sun, flowering from April onwards, and whether in patches, in beds, on the flat, or on rocky slopes forms one of the most attractive plants of its kind we know of. —Gardeners' Magazine.

CALLA BULBS

READY NOW.

1 to 1½ in. diameter, $4.00 per 100; $30.00 per 1000
1½ to 2 in. diameter, 5.00 per 100; 40.00 per 1000
2 to 2½ in. diameter, 6.00 per 100; 50.00 per 1000

F. O. B. Niles, California.

CALIFORNIA NURSERY CO., Niles, Cal.

Mention The Review when you write.

ALEX MANN, Jr.

Importer and Dealer in

Florists' Supplies

AND CUT FLOWERS AT WHOLESALE

1441 POLK STREET

Tel. East 641 SAN FRANCISCO

Mention The Review when you write.

FREESIAS

Nearly two millions from ¼ to ½ inch up, fine sound bulbs, ready for immediate delivery.

Also Grand Duchess Oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.

REES & COMPERE, P. O. Address, R. D. 1, **Long Beach, Cal.**

Mention The Review when you write.

Asparagus Pl. Nanus

Strong, 3-in., $25.00 per 1000. Freight prepaid. Cash. Calla Bulbs all sold.

A. MITTING, 17 to 23 Kennan St., **SANTA CRUZ, CAL.**

Mention The Review when you write.

Calla Bulbs!

for present delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2.00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3.00
Pansy, California Giants, mixed, ⅛ ounce, 2.00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.
You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

KANSAS CITY.

The Market.

The market here has taken on a livelier look the past week. Several functions of note and a large number of funerals have kept things going pretty lively. Very little shipped stuff is being handled because of the heat and the inability of that class of goods to stand shipping. A small quantity of new roses is coming in and looking well. Asters this year have surpassed in quantity and quality that of previous years and the demand equals the supply. With asters are antirrhinums, coreopsis and old-fashioned flowers which are coming into favor again. Carnations are not coming in in very large quantities and are not yet looking up to their usual form.

An indication of fall trade is showing itself in the increased demand for palms, rubbers and ferns for which good prices are being realized. A number of advance orders for wedding decorations indicate an early social season.

Various Notes.

Your correspondent visited Independence one day last week and was royally entertained by the two florists there. A. Broman's was the first place he visited and was agreeably surprised at the quantity of glass and the quality of the stock produced. Mr. Broman came here from Chicago thirteen years ago and entered the employ of Geo. Kellogg, at Pleasant Hill, where he stayed five years. Eight years ago he purchased ten acres in Independence and started in on his own hook, raising roses for the Kansas City market. He has at present 25,000 feet of glass, two-thirds of which is used for roses and the rest for carnations and miscellaneous stuff. Miss M. Dalley purchases his entire output under contract each year for the past six years and that she handles A-1 stuff goes without saying, as Mr. Broman grows nothing but first-class stock.

The other establishment was that of E. G. Bunyar, on North Main street. Your correspondent has known Mr. Bunyar the past nineteen years and has watched with satisfaction and some surprise the rapidity with which he forged ahead among the best here. Mr. Bunyar has at present about 10,000 feet of glass and has in contemplation the erection of 10,000 feet more to handle his increasing trade and he is erecting at present one palm house 20x50 for decorative plants. His holdings consist of two and one-half acres and he is now on a deal to purchase two and one-half more. He markets three crops of plants in 2½-inch pots each year and his shipping trade has reached such proportions that with his limited amount of glass at present he cannot fill nearly all his orders; hence the necessity of building.

James Hayes, of Topeka, Kan., in a letter to your correspondent, reports that the trade in the past year has eclipsed any former year in his recollection. Mr. Hayes is Topeka's premier florist and handles the greater part of the trade there.

Geo. M. Kellogg left here the first of the week for the convention and a visit to his old home in Massachusetts.

Narcissus.

Geneva, Ill.—W. B. Davis has sold out the Riverside Greenhouses to R. C. Engledew & Co., who have taken possession.



H. J. SMITH, WHOLESALE DEALER IN **HARDY CUT FERNS, etc.**

FANCY and DAGGER FERNS, Moss, Laurel, Bouquet Evergreen, Spruce and Balsam Boughs for cemetery use and for covering plants.

Also LAUREL AND EVERGREEN WREATHS AND FESTOONING.
The best in the market.

Write for prices in any quantity. **HINSDALE, MASS.** Our stock is always the best.

C. R. HILLS, Grand Rapids, Mich.

	Per 100		Per 100
Primroses, all varieties, 2¼-in	$2.00	**Asparagus** Plumosus Nanus, 3-in.	$5.00
Cinerarias, 2¼-in	2.00	**Forget-Me-Nots,** field clumps	4.00
Xmas Peppers, 2¼-in., $2.00; 3 in	3.50	**Smilax,** 2¼-in	1.50

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

FIELD CARNATIONS — CHOICE PLANTS

Nice, bushy plants of Norway, Lawson, Prosperity, Armazindy, Joost, etc., at $5.00 per 100; $45.00 per 1000. Good stock, grown on new ground.

ROSES Brides and Maids, extra fine, 4-inch ..... $8.00 per 100.
Brides and Maids, strong 3-inch ..... $3 50 per 100; $30 00 per 1000.
Ivory and Gate, very choice, 3-inch..... 4 00 " 35.00 " **ROSES**

5-inch **ASPARAGUS PLUMOSUS,** good, $25.00 per 100. Strong, 3-inch **SMILAX,** $4.00 per 100. 3-inch **SPRENGERI,** $4.00; 4-inch, $7.00 per 100.

W. H. GULLETT & SONS, - - LINCOLN, ILL.

Obconica Primroses

My New Hybridized Giant Flowered Strain is now ready in 2½-inch pots. Nice plants.

COMPACTA, a fine potter.....$6.00 per 100
CARMINE, PURPLE, PINK, LILAC, these colors, fine, mixed.....$3.50 per 100
MYOSOTIS WINTER QUEEN, it flowers from November until Easter on the bench or in pots and is unsurpassed for cut flowers, nice plants in 2½-in pots, $4.00 per 100.

O. V. Zangen, Seedsman. **Hoboken, N. J.**

FIELD-GROWN

CARNATIONS

Strong and Healthy.

MRS. PATTEN	per 100,	$7.00
GOV. WOLCOTT	"	6.00
BOSTON MARKET	"	6.00
LAWSON	"	7.00
MACEO	"	5.00

I also have Berberis Thunbergii, Rosa Lucida, Rosa Rugosa, Viburnum Cassinoides and Viburnum Dentatum. Write for prices.

Sidney Littlefield, No. Abington, Mass.

Roses!

	Per 100	1000
Am. Beauty, 3½-inch	$ 6 00	$ 50 00
Max von Herresdorfer, 3½-inch	5 00	40 00
Ideal, 3½-inch	5 00	40 00
Rosalind Orr English, 3½-inch	25 00	200 00
La Detroit, 3½-inch	6 00	50 00
Bridesmaid, 3-inch	4 00	35 00
Am. Beauty, 2½-inch	5 00	40 00
Uncle John, 2½-inch	3 00	25 00
Wm. Askew, 2½-inch	5 00	40 00
Sunrise, 2½-inch	4 00	35 00
Bridesmaid, 2½-inch	2 50	20 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

ASPARAGUS	Per 100	1000
Plumosus, 3½-inch	$7 00	$65 00
Sprengeri, 3½-inch	5 00	45 00

PETER REINBERG

51 Wabash Ave.

Telephone 2846 Central. **Chicago**

Carnation Plants

The United States Cut Flower Co.

ELMIRA, N. Y.

Have a selection of fine high-land-grown stock, free from rust, stem-rot or any other disease, in the varieties named, which they are quoting at the following prices:

Enchantress	$7.00 per 100	Indianapolis	$4.50 per 100
Lawson	6.00 "	Nelson	4.50 "
White Cloud	5.00 "	Joost	4.00 "
Glacier	4.50 "	Guardian Angel	4.00 "
Prosperity	5.00 "	Crocker	4.00 "

STOCK LIMITED. PLACE ORDERS EARLY.

My Maryland Pure White Jessica Red and White Variegated

Two great Carnations for 1906. $2.50 per doz.; $12 per 100; $100 per 1000.

Are you shrewd in business? Yes? Then write us immediately concerning these two great Carnations.

THE E. G. HILL CO.
RICHMOND, IND.

THE H. WEBER & SONS CO.
OAKLAND, MD.

FLAMINGO

800 FINE
Field-Grown Plants
at $6.00 per 100, or
$40 for the lot.

HELLER BROS., New Castle, Ind.

The Beautiful Pink Carnation

Candace $2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906.
Wonderfully productive.

INDIANAPOLIS FLOWER & PLANT CO.
and JOHN HARTJE, Indianapolis, Ind.

FIELD-GROWN Carnations

	Per 100		Per 100
Queen Louise	$5.00	Enchantress	$7.00
Flora Hill	5.00	Lawson	5.00
Gov. Wolcott	5.00	Morning Glory	4.00
Crane	5.00	Genevieve Lord	4.00
Estelle	5.00	CASH.	

CENTRAL GREENHOUSES, Sandusky, O.

Mention The Review when you write.

FOR SALE

FINE, BUSHY

Carnation Plants

Out of Field. Clean Stock.

BOSTON MARKET	5c each
QUEEN LOUISE	5c each
ENCHANTRESS	6c each
LAWSON, pink	6c each
FLAMINGO	10c each
LADY BOUNTIFUL	10c each
WHITE LAWSON	10c each

STRONG 4-INCH MAIDS
clean stock to close out at $6.00 per 100 until sold.

Pittsburg Rose and Carnation Co.
CRYSTAL FARM,
P. O. Address, GIBSONIA, PA.

Field-Grown CARNATIONS, strong

Enchantress and Flamingo, $7.00 per 100.
Prosperity 5.00

ASPARAGUS SPRENGERI,
From 4-inch pots, $5.00 per 100.

James Patience, Noroton Heights, Conn.

Mention The Review when you write.

Carnations

PLANTS FROM THE FIELD

Lady Bountiful	Enchantress
Moonlight	Indianapolis
Vesper	Nelson
The Bride	Joost
Queen	Genevieve Lord
Boston Market	Lippincott
Mackinac	Lawson
Queen Louise	Adonis
Lorna	Flamingo
Flora Hill	Estelle
Norway	Prosperity
Harlowarden	Mrs. Patten
Roosevelt	Mrs. Bradt

Plants ready for delivery. State quantity you can use of each variety and we will quote prices. All the stock we are offering is in good condition.

The LEO NIESSEN CO.
1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

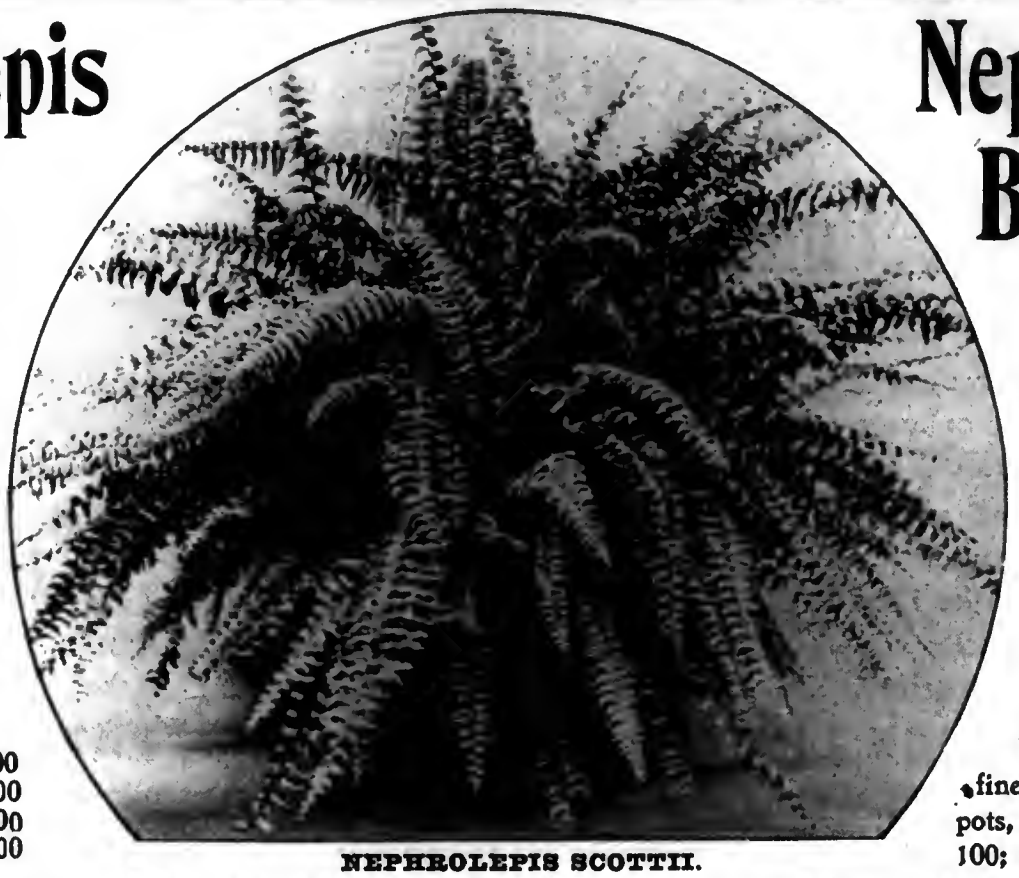
Nephrolepis Scottii

Note reducion in price for delivery on and after Sept. 1.

We have an immense stock of this most useful of all the Nephrolepis and are prepared to book orders for fine young plants in 2¼-inch pots for delivery Sept. 1, at 75c per doz.; $6.00 per 100; $50.00 per 1000.

Also for immediate delivery:

	Per doz.	Per 100
4-inch pots,	$3.50	$25.00
5-inch pots,	6.00	50.00
6-inch pots,	12.00	90.00



NEPHROLEPIS SCOTTII.

Nephrolepis Barrowsii

This is an improvement on Nephrolepis Piersoni and we have every reason to believe that this will hold the same position to the Pierson Fern that Scottii now holds to the old Boston. You will make no mistake in investing in it at once.

We offer originator's stock, fine young plants from 2¼-in. pots, $3.50 per doz.; $25.00 per 100; $200.00 per 1000.

See Our Wholesale Price List for Seeds, Plants and Bulbs for present planting.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

SEASONABLE REMINDERS.

As we are again approaching the season of cold weather a few reminders by way of preparation may not be out of place.

It being impossible to produce good stock in houses which are draughty and leaky, any repairs necessary to put them into good condition should be done while the wood is dry and the weather such that a few hours' exposure to the open air would not affect the general health of the plants. Ventilators should be readjusted and the machinery put into good working order.

Where the putty is in very bad condition it is sometimes more profitable to rip out the glass, repair and repaint the sashbars and reset the glass. Where the putty is not so bad an application of Old English putty, distributed by a putty bulb along the edges of the glass next the sash bars, will make an old house "maist as guid as new" for a season or two.

Boilers and piping should be thoroughly inspected, repaired where necessary, and tested. Fire-boxes and grates should be put into good order and a general inspection should be made of everything necessary to carry the plant in good order through the winter.

During the busy season of planting, cleaning up, etc., this work cannot be attended to by the ordinary help and it would be more profitable to call in tradesmen than to have the work drag along until cold weather sets in and run the risk of getting mildew or black-spot. I have frequently seen men on the roofs even as late as October, trying to patch up the leaks, when it was out of all reason to expect satisfactory work, men and putty being in a half-frozen condition. Get your repairing done as the winter is surely on its way. RIBES.

VIRGINIA, MINN.—Alfred Johnson, of the Virginia Greenhouses, is suffering from an injured hand caused by a fall.

Field-Grown Carnations

FINE, HEALTHY PLANTS

CRISIS, new commercial scarlet, $2.00 per doz.: $15.00 per 100.

FLAMINGO, $10.00 per 100.

QUEEN LOUISE, FLORIANA, PORTIA, PALMER, MORNING GLORY, ELDORADO, SCOTT, DOROTHY, MERMAID, Price, $5.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

FIELD-GROWN SINGLE

VIOLET Plants

Princess of Wales and Dorsett, $6.00 per 100; $50.00 per 1000.

FIELD-GROWN

CARNATION PLANTS

Glacier.....$45.00 per 1000
Peru ..... 35.00 per 1000
Morning Glory..... 45.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROSE PLANTS

400 Grafted Mme. Hoste, 3-in.....$8.00 per 100
300 Mme. Cusin, 3-in..... 8.00 per 100
300 Bridesmaid, own roots, 3-in..... 5.00 per 100

JOHN BREITMEYER'S SONS, Detroit, Mich.

Mention The Review when you write.

FIELD-GROWN

Asparagus Sprengeri

Those who have purchased our field-grown plants in the past, are convinced that they are much superior to pot-grown, both for pots and bench culture.

When housed, they immediately start into active growth, throwing up numerous growths, which come to perfection much earlier than those from pots. Field culture adds to the vigor of the plants and an enormous crop of green is the result.

PLANT NOW FOR YOUR WINTER GREEN

Bushy plants ready for 4-inch, 5-inch and 6-inch pots, $6.00, $8.00 and $10.00 per 100.

CHRYSANTHEMUMS LAST CALL

We still have a nice lot of **Young, Thrifty Plants** in 2¼-inch pots, of such good varieties as Xeno, Viviand-Morel Wm. Duckham, Ivory, Pink Ivory, Mrs. H. Robinson, Nagoya, Mrs. Murdock Maud Dean, Glory of Pacific, Opah, Polly Rose Lavender Queen, etc. **Price $2.50 per 100; $25.00 per 1000.**

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Queen Beatrice

Mention The Review when you write.

GRAND RAPIDS, MICH.—Henry Smith has just invested $16,000 in another business block.



The New Variegated Begonia, "Templinii."

BEGONIA "TEMPLINII"

A VARIETY OF Marvelous Beauty

This magnificent Begonia is a novelty of sterling worth and is destined to become the most popular Begonia ever introduced.

As a bedder or decorative plant for house culture it is without a peer.

We will be ready to take orders and will deliver plants September 15, 1905.

The Templin Co.

CALLA, OHIO.

Mention The Review when you write.

Field-grown Carnation Plants

White—Queen Louise, The Queen, Boston Market, Vesper.
Pink—Lawson, Floriana, Enchantress, Fair Maid, Indianapolis.
Crimson—Harlowarden.
Variegated—Prosperity, Mrs. Patten.
Scarlet—Flamingo.
Red—Cardinal, Eventide.

TRUE STOCK. Prices on application.

SAMUEL S. PENNOCK,
1612 Ludlow Street, PHILADELPHIA.

Mention The Review when you write.

SPRENGERI

2-in., $2.50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

Mention The Review when you write.

ROSES CHEAP TO MAKE ROOM

The following list in 2-inch at $15.00 per 1000. No less than 500 at this price.

Cornelia Cook	Mary Washington	Catherine Mermet	Marie Van Houtte
Mme. Margottin	Baltimore Belle	Clothilde Soupert	Marie Guillot
Snowflake	Yellow Rambler	White Niel	Pink Maman Cochet
White Rambler	Pink Rambler	Mlle. F. Kruger	White Maman Cochet

The following at $2.00 per 100; $17.50 per 1000.

Kaiserin Augusta Victoria	Pink La France	Bride	Bridesmaid
	Crimson Rambler		

Will exchange a part for Boston or Piersoni Ferns. State what you have to offer.

THE REESER FLORAL CO., - Urbana, Ohio.

Mention The Review when you write.

MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10, $4.00 per 1000.

CHARLES S. DUTTON,
85 W. 12th St. Holland, Mich.

Mention The Review when you write.

Smilax Plants

Strong plants, 2¼-inch pots, $18.00 per 1000.

ROSE PLANTS OWN ROOTS

125 Golden Gates, 225 Brides, 250 Maids, fine large plants from 4-in. pots, $4.00 per 100. Cash.

Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Nice bushy stock, August delivery, from 2½-in. pots, $4.00 per 100; $35.00 per 1000. Cash or satisfactory references.

BAUR FLORAL CO., ERIE, PA.

Mention The Review when you write.

Vegetable Forcing.

PLANTING CUCUMBERS.

One of the most prevalent troubles that beset cucumber plants is damping at the neck, and to prevent this it is necessary to use great care in planting so that there will be no danger of an over-supply of moisture lodging around the necks of the plants. Where raised benches are used, and these are the best for cucumber culture, there is not so much danger, but in solid beds, unless the necks of the plants are raised well above the level of the soil, trouble is apt to occur. When raised benches are employed the best plan is not to fill the bench up as would be done for other crops but to place a few shovelfuls of soil in a round pile where the plants are to be set. This soil should be a good, turfy loam not too finely broken; the rougher the better, as it insures the freer passage of water. It is necessary to have some well decomposed manure mixed with the soil and this should also be lumpy rather than finely broken.

A great deal depends upon the nature of the soil at command. Some soils are much more productive of fungus diseases than others, but as a rule soils from high ground are the best to use. Some claim a stiff, retentive soil is the more productive of disease, but we have seen cucumbers attacked just as badly when a light, sandy soil was used, so that it is hard to judge the soil from general composition; the only means of knowing is by trial. Should a trial prove that the plants are attacked by stem-rot in the soil used, it is a good plan to use a little air-slaked lime in the soil, mixing it in some time previous to using, and after the plants are set to use some powdered charcoal around the necks of the plants taking care when watering to keep the charcoal dry.

It will be some time after planting before the plants can utilize the little heaps of soil provided but as soon as the roots begin to appear on the outside more soil should be added, only a few inches at a time however, and according as the plants attain size. The soil supplied in this way may be made a little richer than that first used, bone-meal or some other good commercial fertilizer being employed.

Where solid beds are used it is necessary that some means be adopted to confine the roots of the plants somewhat as cucumber plants fruit much more freely and run less to growth when the quantity of soil is limited and root-space curtailed.

The plants should be set at distances of four feet apart along the trellis to which they are to be trained, and where several trellises are used in the width of the house they should be far enough apart so that the one row will not throw too much shade over the other. The distance will depend a good deal on the width and construction of the house but it is well to, if possible, have the trellises at least four feet apart.

A house eighteen feet wide will accommodate four rows of plants, the passage-ways acting as intervening space.

W. S. Croydon.

Queen Beatrice

DREER'S ARAUCARIAS



ARAUCARIA EXCELSA.

We have a fine stock of these which we offer at very favorable prices. Now is the time to lay in your supply and secure the benefit of the summer's growth.

ARAUCARIA EXCELSA

Inch pots	Height	Tiers	Each
4	5 to 6 inches	2	$0.35
5	8 to 10 inches	3	.60
6	12 to 14 inches	3 to 4	.75
6	14 to 16 inches	4	1.00
6	16 to 18 inches	4	1.25
7	20 to 24 inches	4 to 5	1.50

Araucaria Excelsa Glauca

Inch pots	Height	Tiers	Each
5	8 inches	2	$0.75
6	13 to 15 inches	3	1.25
7	15 to 18 inches	4	1.75
7	22 to 24 inches	4 to 5	2.00

Araucaria Robusta Compacta

Inch pots	Height	Tiers	Each
6	10 inches	2 to 3	$1.25
6	12 inches	3	1.50
7	16 inches	3 to 4	2.00

For complete list of Seeds, Plants and Bulbs for immediate planting, see our Wholesale Price List.

HENRY A. DREER
714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

60,000 GRAFTED ROSES For Forcing

Extra fine, healthy plants, free from mildew.
BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.
BRIDES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Carnations

FIELD PLANTS
CLEAN AND HEALTHY

Boston Market (best white), **Glacier** (standard white), **Estelle, Lawson, $4.00 per 100; $40.00 per 1000.**

Asparagus Sprengeri

Extra strong seedlings, 60c per 100; $5.00 per 1000. Cash.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

FIELD-GROWN
CARNATION STOCK
SOLD OUT.
ROBERT C. PYE
Nyack, N. Y.

ROSES

Chatenay, Golden Gate and Uncle John, 2½-inch, $3.50 per 100. Chatenay, Maid, Gate and Uncle John, 3½-inch $5.00 per 100. Liberty, 4-inch, good stock, $10.00 per 100.

Chrysanthemums

ROOTED CUTTINGS of the following—to clear out.

Robinson, Willowbrook, Kalb, Parr, T. W. Pockett, Whilldin, Appleton, Nagoya, Chautauqua Gold, Bonnaffon, Shaw, Maud Dean, V. Morel, Perrin, Shrimpton and Intensity, at $1 50 per 100.

2½-inch, good young stock — Kalb, Willowbrook, Robinson, T. Eaton, Wannamaker, Bonnaffon, Monrovia, Prima, Kimberly, Plumridge, Etherington, Shaw, Quito, Hanham, Coombes, Shrimpton, while they last, $2.50 per 100.

NEW VARIETIES — Emily Mileham, 2½-inch, at $3.00 per doz.; $20.00 per 100. Dr. Enguehard, Hopetoun, Cobbold, Leila Filkins and Nellie Pockett, at $3.00 per 100, from 2½-inch.

STEVIA

Good plants, 2½-inch, at $2.50 per 100; $22.50 per 1000.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SKINNER'S PATENT SYSTEM OF IRRIGATION, TROY, O.



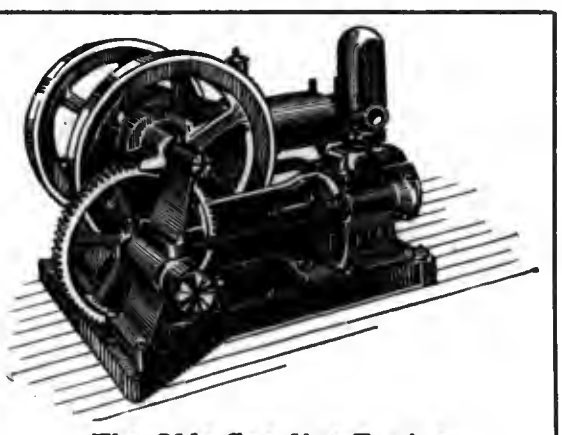
Those who have not felt the need of irrigation need not take the time to look over this page, but to those who have suffered from dry weather and who wish to reduce the chance of a failure to a minimum, I would like to explain why they are making a mistake in not installing the Skinner system of irrigation on their grounds. To the gardener and florist, whose crop value often run up into the hundreds of dollars to the acre, the ability to apply water as needed, and in a way that will be beneficial to the crops, will often pay for the outlay several times over in one season. One of my customers stated that with one line of my irrigation, 120 feet in length, he was able to grow $90 worth of spinach.

The cost of my system is so small, compared to the results obtained, that there is no reason why every one who grows a crop should not have at least part of their ground fitted out with it. As compared with the lawn-sprinkler system, my system can be put up complete, pipe, nozzles and labor, for less than the nozzles cost in the other, while in results there is no comparison whatever.

The great mistake many make in this matter is to wait until the drought comes before they start to put in the irrigation. Do you wait until your plants begin to freeze before you buy coal? Yet the drought is as certain to come as the cold, and your loss in the one case is as certain as in the other. The Skinner system once put up is up forever. Put up right it is not in the way of cultivation and is always ready for use.

Buy your outfit now and put up at least a line this fall. You will then know just how to put it up and will lose no time when the dry weather comes. Five acres can be put up in three or four days after you know how to go to work with it. The nozzle cost per acre is but $10 and but 800 feet of pipe is required.

Our pumping outfits are built by one of the best known firms in the world and have been recently improved, until today they represent an ideal method of obtaining water. No tank is necessary, the water being pumped directly into the pipes with a steady, uniform pressure.



The Olds Gasoline Engine.

The illustrations here given are from the well known seed firm of H. A. Dreer, and show to some extent how extensively the Skinner system is being installed. This firm was among the first to install the system in the east and have been unstinted in their praise of it from the start. Their place at Riverton, N. J., is too well known to need description. It is one of the show places in this country and all florists, when in the east, make it a point to pay it a visit.

Another place in which the system has been installed to a large extent is at the Cottage Gardens at Queens, N. Y.

One of the largest overhead irrigation plants in this country is at Newbern, N. C., on the farm of Hackburn & Willetts. Two years ago this firm was irrigating about five acres with the lawn-sprinkler system and it was with much difficulty that they were induced to give the Skinner system a trial; since then they have put in about 17 000 nozzles.

At Wilmington, N. C., Mr. D. N. Chadwick had five acres of lawn sprinklers, in which the nozzles alone cost him $125 per acre. He has since installed the Skinner system, using 12,000 nozzles.

In the short time the Skinner system has been before the public there have been almost 100,000 nozzles used, within no case a failure where it was put up according to instructions.

Growers of Chicago and vicinity can get ESTIMATES OF THE SYSTEM PUT UP COMPLETE and will also BE SHOWN THE SYSTEM IN OPERATION by calling on the greenhouse builders—

WINANDY BROS., 3727 No. Lincoln Street, CHICAGO.



MR. C. W. SKINNER, Troy, Ohio. Dear Sir:—I am pleased to state that your system of irrigation has given us great satisfaction during the recent dry spell. I am only sorry that our entire grounds are not covered with this system, but we are continually adding to same and a few dry seasons like the one we have just passed through will, no doubt, see the greater part of the ground covered.

Philadelphia, Pa., July 27, 1905. Yours truly, HENRY A. DREER, Inc., per J. D. E.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Maiden-hair fern A. cuneatum and hybridum, 3, 5 and 7-in. stock. Room wanted; if you want to stock up cheaply write for prices. Would exchange for field-grown carnations.
J. Macfarlane, Staatsburg-on-Hudson, N. Y.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, dormant clumps, 6-7 in., from bench, 12c; from pots, 20c. Adiantum Williamsii, 6-in. pots, just starting, 50c.
Sunnyside Greenhouses, Walden, N. Y.

Adiantum cuneatum, 4-in. pots, ready for 5 or 6-in., very strong, 12c to 15c; 5-in., 25c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, giant double for winter flowering, fine plants, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Alyssum, double; nice, young, 2¼-in. stuff, $2.00 per 100. J. W. Myer, Rosedale, Ind.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

AMPELOPSIS VEITCHII, 5000 strong plants in 3½-in. pots, staked, with tops two to three feet, prime condition, $6.00 per 100.
J. T. Lovett, Little Silver, N. J.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers, 50c; 5½-in. pots, 13 to 15 in. high, 3 to 4 tiers, 60c; 6-in. pots, 16 to 18 in. high, 3 to 4 tiers, 75c; 6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers, $1.00; 6½-in. pots, 20 to 24 in. high, 5 to 6 tiers, $1.25 each. A. compacta robusta, very large, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each. A. excelsa glauca, 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each. Cash.
G. Aschmann, 1012 Ontario St., Phila.

DREER'S ARAUCARIAS. We have a stock of these which we offer at very favorable prices (see display adv.). Now is the time to lay in your supply and secure the benefit of the summer's growth.
Henry A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for 2½-in. pots, $12.00 1000; Sprengeri, $10.00 1000; prepaid if cash with order. Large field-grown plumosus nanus, fine for benching, $40.00 1000; 5000 at $35.00 per 1000. Not prepaid.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2-in., $2.00; 3-in., $3.00; 3½-in., $4.00; 4-in., $5.00 100. Express prepaid at above prices. Ten per cent off on lots of 250 and over. Cash, please.
Danville Plant and Flower Co., N. Vermilion St., Danville, Ill.

Asparagus plumosus nanus, heavy, 5 to 8-in. tops, from 2-in. pots, $1.00 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus plumosus nanus, 2¼-in., $2.50 per 100; 3-in., $5.00 per 100; 4-in., $6.00 per 100. Cash with order.
Fairies' Farm, M. S. Fleming, Prop., Steelmanville, N. J.

Asparagus plumosus, from flats, $15.00 1000. Asparagus Sprengeri, 2½-in., $2.00 100, $15.00 1000. Cash. Max E. H. Keffel, 699 So. Boyle Ave., Los Angeles, Cal.

Asparagus plumosus, 200 3-in. at 5c each, 200 3½-in. at 6c each, 300 4-in. at 7c each. These are strong crowns just ready for bedding.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus seedlings, fine, strong, $1.25 100, $10.00 1000, delivered; 2-in., $3.00 100; $25.00 1000, f. o. b.
H. H. Berger & Co., 47 Barclay St., New York.

30,000 Asparagus plumosus and Sprengeri, very fine, healthy plants, 2¼-in., 100, $2.50; 3-in., 100, $6.00; 4-in., 100, $10.00.
Ludvig Mosbaek, Onarga, Ill.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Field-grown Asparagus Sprengeri. Bushy plants ready for 4, 5 and 6-in. pots, $6.00, $8.00 and $10.00 100.
N. Smith & Son, Adrian, Mich.

Asparagus Sprengeri, from bench, two years old, 20c. Asparagus plumosus nanus, 6-inch pots, 20c each.
Sunnyside Greenhouses, Walden, N. Y.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, 2¼-in., at $2.50 per 100; 3-in. at $5.00 per 100; strong but not stunted. Cash. Jos. E. Bonsall, Salem, Ohio.

Asparagus Sprengeri, 1 year old from bench, 10 to 15 fronds to plant; to make room, $5.00 per 100. Krueger Bros., Toledo, Ohio.

Asparagus Sprengeri, 3½-in., $5.00 100; $45.00 1000. A. plumosus, 3½-in., $7.00 100; $65.00 1000. P. Reinberg, 51 Wabash Ave., Chicago.

Asparagus plumosus from flats, $1.00 per 100; 2½-in., $2.00. Cash. L. G. Rollston, 306 W. La Fayette Ave., Fayetteville, Ark.

Asparagus plumosus, 5-in., good, $25.00 100. Sprengeri, 3-in., $4.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus, nice, bushy stock, 2½-in. pots, $4.00 100; $35.00 1000. Cash.
Baur Floral Co., Erie, Pa.

Asparagus Sprengeri, 2-in., $2.50 100; plumosus, 2-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

10,000 Asparagus plumosus nanus seedlings, from flats, $10.00 1000. Cash.
A. Wolniewicz, 1826 N. Claremont Ave., Chicago.

Asparagus plumosus nanus, strong, 3-in., $25.00 1000. Freight prepaid.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

1000 Asparagus Sprengeri, strong, 4-in. pots, $10.00 per 100. Sample free.
John Christman, Stanford, Ky.

Asparagus Sprengeri. Extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus and Sprengeri, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, one year old, from bench, 5c. Cash.
Joseph Wood, Spring Valley, N. Y.

Asparagus Sprengeri and plumosus, in 2 to 6-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, from flats, $6.00 per 1000. J. F. Allen, Orlando, Fla.

Asparagus plumosus, 2¼-in., fine plants, $2.00 per 100. A. L. Harmon, Iola, Kan.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 3-in., $7.00 100. Cash. G. Aschmann, 1012 Ontario St., Phila.

Asparagus Sprengeri, 2-in., $2.00 100; $18.00 1000. Dinstel Bros., 1056 N. 62nd Ave., Chicago.

3000 Asparagus Sprengeri, 2-in., $2.00 100. any quantity. W. L. Hucke, Belleville, Ill.

Asparagus plumosus nanus, 3-in., $5.00 100. C. R. Hills, Grand Rapids, Mich.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, 4-in., $5.00 100.
James Patience, Noroton Heights, Conn.

BAY TREES.

We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

BEDDING PLANTS.

Alyssum giant and dwarf, heliotropes, lantanas, Swainsona alba and rosea, plumbago white and blue, hardy English ivy, $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Choice surplus stock of geraniums, coleus, and begonias, 3-in. pots, 3c; 2½-in. and 2-in., 2c.
F. A. Knuil, Lakeside Greenhouses, Larwill, Ind.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Begonia Gloire de Lorraine, strong young plants from leaf cuttings now ready for 4-inch pots, $15.00 per 100. Plants from 3-inch pots, strong stock, twice cut back, $25.00 per 100. From 4-inch pots, heavy plants, $40.00 per 100. All sizes ready for immediate delivery.
J. A. Peterson, McHenry avenue, Weatwood, Cincinnati, O.

Begonia TEMPLINII is a variety of marvelous beauty and is destined to become the most popular begonia ever introduced. Orders booked now for Sept. 15th delivery.
The Templin Co., Calla, O.

Rex begonias, good varieties in assortment. 2-in., $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $6.00; 3-in., $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Flowering begonias, good assortment of best varieties, 2½-in. pots, $3.00 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

New begonia, TURNFORD HALL, from 2-in. pots, $15.00 per 100, $140.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

Rex begonias, 4-in., $5.00 100; 4 flowering begonias, 4-in., $10.00 100.
Geo. A. Kuhl, Pekin, Ill.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantites of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BERRIED PLANTS.

Jerusalem cherries, pot-grown, 4-in., ready for a shift, very bushy, $6.00 per 100; $50.00 per 1000. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

Celestial peppers, strong, 2½-in., $3.00 100; $25.00 1000. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Christmas peppers, 2½-in., $2.00 100.
Morton's Evergreen Lodge, Clarksville, Tenn.

Christmas peppers, 2¼-in., $2.00 100; 3-in., $3.50 100. C. R. Hills, Grand Rapids, Mich.

Christmas peppers, 2-in., $1.75 per 100.
A. L. Harmon, Iola, Kan.

Celestial peppers, 50 at 3c each.
C. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Celestial peppers, 4-in., $15.00 100.
Geo. A. Kuhl, Pekin, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

BULBS.

	12	100	1000
LILIUM HARRISII.			
5 to 7-inch	$ .60	$3.75	$32.00
6 to 7-inch	.75	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
9 to 11-inch	2.25	16.00	
LILIUM CANDIDUM.			
French stock	.65	4.50	42.00
French stock, 1st size	.55	4.00	38.00
Northern grown, hardy stock.			
Mammoth	$ .75	$5.00	$45.00
1st size	.65	4.50	42.00
NARCISSUS.			
Paper white grandiflora.			
13 cm. up	.20	1.00	9.00
15 cm. up	.25	1.25	10.50
French Trumpet major	.25	1.25	10.00
FREESIAS.			
Bermuda, French, ⅜-½	.10	.45	3.50
Bermuda, French, ½-¾	.15	.75	6.00
Buttercup oxal., Bermuda	.20	1.00	8.00

H. H. Berger & Co., 47 Barclay St., New York.

Freesia refracta alba, French-grown, the pure white kind, ready now. Giant bulbs, picking from the crop, $2.00 100, $15.00 1000.

First shipment of Romans and paper whites due next week.

Clucas & Boddington Co., 131 West 23rd St., New York.

Lilium Harrisii. We have a fine consignment and are offering them in case lots, 5 to 7, 400 to case, $3.00 100, or $12.00 case; 7 to 9, 200 to case, $6.00 100, or $12.00 case.

Wm. Elliott & Sons, Auction Dept., 201 Fulton St., New York.

Importer and exporter of all horticultural products of the best grades at reasonable prices. Send me your list of wants to be priced. We pay special attention to the bulb business and can quote you attractive prices.

F. W. O. Schmitz, Prince Bay, N. Y.

Freesias. Nearly two million from ¼ to ½ inch up, fine, sound bulbs ready for immediate delivery. Also Grand Duchess oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.

Rees & Compere, Long Beach, Cal.

Rawson's Bermuda-grown Harrisii and freesias now ready for delivery. We are ready to book orders for Lilium longiflorum, Roman hyacinths, Paper white grandiflora and other forcing bulbs. Write for our florists' list.

W. W. Rawson & Co., Boston, Mass.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.

R. Fischer, Great Neck, L. I., N. Y.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.

E. S. Miller, Wading River, N. Y.

Calla bulbs, 1 to 1½-in., $4.00 100, $30.00 1000; 1½ to 2-in., $5.00 100, $40.00 1000; 2 to 2½-in., $6.00 100, $50.00 1000. Ready now.

California Nursery Co., Niles, Cal.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.

D. Rusconi, 32 W. 6th St., Cincinnati, O.

EMPEROR DAFFODIL BULBS. Grown here 12 years. Absolutely pure, healthy and well-grown, $4.00 100, $30.00 1000.

M. Crawford, Cuyahoga Falls, O.

Narcissus double white, perfectly hardy, fragrant, beautiful. Fine for Decoration day. Price low to close out.

F. A. Baller, Bloomington, Ill.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Bulbs for fall planting. Lilium Harrisii, fine bulbs, ready now. Callas, freesias, French Romans, etc., soon.

W. W. Barnard & Co., 161 Kinzie St., Chicago.

500 calla bulbs. These are nice home-grown bulbs, 5 in. in circumference, $4.50 per 100.

Sunnyside Greenhouses, Owosso, Mich.

Our narcissus bulbs cannot be beat, write us regarding your wants.

N. Le Page, Mt. Vernon, N. Y.

Send us your list of fall bulbs; we will quote you special prices.

Holmes Seed Co., Harrisburg, Pa.

Calla bulbs and paper white narcissi. Send for price list.

F. Ludemann, Baker St., San Francisco, Cal.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

Paper white narcissus. Prices on application.

Thos. Thompson, Santa Cruz, Cal.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

CACTI.

Cacti, 10 varieties, $7.00 per 100. Prepaid.

J. A. McDowell, Mexico City, Mex.

Cacti. Fine specimen plants, thrifty and true to name, 8 for $2.50. Stapelia (starfish cactus), blooming, $2.50 per 100. Cane cactus and rattail cactus, 50c per doz. For cash only and by express. One dozen good plants by mail, $1.00.

Mrs. M. E. Patterson, Glendale, Cal.

CARNATIONS.

Carnations plants from field.

Lady Bountiful	Enchantress
Moonlight	Indianapolis
Vesper	Nelson
The Bride	Joost
Queen	Genevieve Lord
Boston Market	Lippincott
Mackinac	Lawson
Queen Louise	Adonis
Lorna	Flamingo
Flora Hill	Estelle
Norway	Prosperity
Harlowarden	Mrs. Patten
Roosevelt	Mrs. Bradt

Plants ready for delivery. Write for prices.

Leo Niessen Co., 1217 Arch St., Phila.

Healthy, field-grown carnation plants, large and bushy, now ready.

Per 100:			
Fiancee	$15.00	May Naylor	$5.00
The Cardinal	14.00	Her Majesty	5.00
The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
White Lawson	6.00	Queen Louise	4.00
Thos. Lawson	6.00	Crusader	5.00
M. A. Patten	6.00	Challenger	4.00

Cash with order.

C. L. Howe, Dover, N. H.

Field-grown carnation plants. Prices on application. True stock.

Queen Louise	Indianapolis
The Queen	Harlowarden
Boston Market	Prosperity
Vesper	Mrs. Patten
Lawson	Flamingo
Floriana	Cardinal
Enchantress	Eventide
Fair Maid	

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnation plants, fine, healthy. Crisis, new commercial scarlet, $2.00 doz.; $15.00 100.

	100		100
Flamingo	$10	Palmer	$5
Queen Louise	5	Dorothy	5
Morning Glory	5	Portia	5
Scott	5	Eldorado	5
Floriana	5	Mermaid	5

J. L. Dillon, Bloomsburg, Pa.

Carnation plants, fine high land grown stock, free from all disease. Per 100:

Enchantress	$7.00	Indianapolis	$4.50
Lawson	6.00	Nelson	4.50
White Cloud	5.00	Joost	4.00
Glacier	4.50	Guardian Angel	4.00
Prosperity	5.00	Crocker	4.00

Stock limited. Place orders early.

United States Cut Flower Co., Elmira, N. Y.

Strong, clean, healthy field-grown carnation plants now ready.	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.
25,000 LAWSON.

	Per 100		Per 100
Lawson	$5.00	Wolcott	$4.00
Bradt	5.00	Joost	3.00
Naylor	5.00	Scott	3.00
Louise	5.00	Maceo	4.00
Prosperity	4.00		

EDWARD J. TAYLOR, Southport, Conn.

Carnations, fine stock; 1500 Queen Louise, 900 Joost, 400 each Higginbotham, Flora Hill, 300 each Morning Glory, Dorothy, Marshall Field, Harlowarden, Peru, also Nelson, Her Majesty, Dorothy Whitney, Boston Market and Daybreak Perfection, $5.00 per 100. Cash with order.

Horace G. Welty, 1808 Doan St., Cleveland, O.

Carnations, strong, healthy, field-grown. Admiral Cervera, best paying yellow; Boston Market, Gov. Wolcott, Gomez, Floriana, Glacier, Lawson and Mrs. E. A. Nelson, $5.00 per 100; $45.00 per 1000. Queen, Flamingo and Mrs. M. A. Patten, $6.00 per 100. Cash with order, please.

Hugo Book, Worcester, Mass.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.

S. J. Goddard, Framingham, Mass.

Fine, bushy, field-grown carnations.

Boston Market	5c	Flamingo	10c
Queen Louise	5c	Lady Bountiful	10c
Enchantress	6c	White Lawson	10c
Lawson, pink	6c		

Pittsburg Rose & Carnation Co., Gibsonia, Pa.

Two great carnations, MY MARYLAND, pure white and JESSICA, red and white variegated, $2.50 doz.; $12.00 100; $100.00 1000.

H. Weber & Sons Co., Oakland, Md.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.

John H. Sievers & Co., 1251 Chestnut St., San Francisco, Cal.

5000 field-grown carnations, very strong and healthy.

	100	1000		100	1000
Lawson	$5	$45	Enchantress	$6	$55
Louise	5	45	Flamingo	8	70
Norway	5	45	Prosperity	5	..

Andrew Peterson, Hoopeston, Ill.

Field-grown carnations.

	100	1000		100	1000
The Belle	$10.00	$95	Flamingo	$8.00	$75
Mrs. Patten	8.00	75	N. Fisher	8.00	75
White Cloud	6.00	55	Prosperity	6.00	55
Mrs. Nelson	6.00	55			

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Field-grown carnations. Per 100:

Queen Louise	$5	Enchantress	$7
Flora Hill	5	Lawson	5
Gov. Wolcott	5	M. Glory	4
Crane	5	G. Lord	4
Estelle	5		

Cash.

Central Greenhouses, Sandusky, Ohio.

400 Gov. Wolcott, 300 Lawson, 300 Norway, 200 Harlowarden, 400 Enchantress at $4.00 per 100. 200 Viola Allen, 200 Crocker, 400 Marquis at $3.00 per 100. Can use ferns, asparagus, Japanese iris, hardy roses or peonies in exchange. The Newburys, Mitchell, S. D.

Field-grown carnations, strong, healthy plants, Lawson, Enchantress, Prosperity, Queen Louise, $5.00 per 100; $45.00 per 1000. Lord, Joost, McGowan, Wm. Scott, $4.00 per 100; $35.00 per 1000. Cash with order, please.

Frank Voisenat, West Babylon, N. Y.

Field-grown carnations.

	100	1000		100	1000
Queen	$6.00	$55	Hill	$4.50	$40
Harlowarden	5.00	45	Crane	4.50	40
Morn. Glory	4.50	40	Q. Louise	4.50	40

The Parker Greenhouses, Norwalk, O.

Extra fine, field-grown carnation plants, large, bushy stock. Prosperity, Harlowarden, Flora Hill, Estelle, Norway, Queen Louise, Scott, Morning Glory, Roosevelt, Joost, $5.00 per 100.

Wm. L. Rock Flower Co., Kansas City, Mo.

The beautiful pink carnation CANDACE will be disseminated 1906. It is wonderfully productive. Price: $2.00 doz., $10.00 100, $100.00 1000.

Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Field-grown carnations. Per 100:

Mrs. Lawson	$5.00	Dorothy	$3.00
Queen Louise	5.00	Morning Glory	3.00
Marquis	3.00	Her Majesty	3.00

These plants are very fine. Cash with order.

W. E. Gravett, Lancaster, Ohio.

Field-grown carnations, clean, healthy plants.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	5.00	40	Hill	5.00	40
W. Cloud	5.00	40	Q. Louise	5.00	40

George Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnation plants. Enchantress, Lawson, Hill, Norway, Crane, Fair Maid, Brilliant, $5.00 per 100. Mrs. Ine, Mrs. Nelson, Q. Louise, $4.00 per 100. Joost, Scott, Richmond, $3.00 per 100.

E. Woodfall, Glen Burnie, Md.

Field-grown carnations.

	100	1000		100	1000
Fiancee	$15	$125	Cardinal	$12	$100
Crusader	6	50	Flora Hill	5	40
Moonlight	6	50	White Lawson	7	60

Chicago Carnation Co., Joliet, Ill.

Carnations, 400 Crane, 400 Moonlight (early long-stemmed white), $5.00 per 100; 200 White Cloud, Flora Hill, Queen Louise, second size, $3.50 per 100, strong, healthy plants. Cash with order. Gunnar Tellman, Marion, Ind.

Carnation plants from field, as fine healthy stock as we ever housed, of the following varieties: Pink Lawson, Queen Louise, Crane and Joost, $5.00 per 100.

J. W. Munk & Sons, Mt. Gilead, Ohio.

Field-grown carnations, strong, healthy. Per 100:

Mrs. Patten	$7.00	Gov. Wolcott	$6.00
Boston Market	6.00	Lawson	7.00
Maceo	5.00	Cash, please.	

Sidney Littlefield, North Abington, Mass.

Field-grown carnation plants.

Mrs. T. W. Lawson, $5 per 100; $45 per 1000.
Queen Louise, $4 per 100; $35 per 1000.

John F. Horn & Bro., 20 N. 6th St., Allentown, Pa.

Carnations. Field plants, clean and healthy.

Boston Market	Glacier
Estelle	Lawson

$4.00 100; $40.00 1000. Cash.

W. T. Buckley Co., Springfield, Ill.

Field-grown carnations. Strong Enchantress and Flamingo, $7.00 100; Prosperity, $5.00 100.

James Patience, Noroton Heights, Conn.

Carnation Flamingo, 800 fine, field-grown plants, $6.00 100; or $40.00 for the lot.

Heller Bros., New Castle, Ind.

CARNATIONS—Continued.

Make no mistake. Buy VESPER the white carnation, $35.00 per 1000; also have fine Enchantress, Lawson and Patten.
Isaac A. Passmore, West Chester, Pa.

Carnations, strong, clean, field-grown plants, 2000 Mrs. Nelson, 3000 Queen Louise, 5000 Joost, $4.00 per 100; $35.00 per 1000.
Lebanon Greenhouses, Lebanon, Pa.

Field-grown carnations. Strong, healthy plants, Peru, Hill, Q. Louise, Melba, Joost, Crane, Estelle, $5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Carnations. Prosperity and Norway, extra fine plants, $4.00 per 100; last April cuttings, medium size, $4.00 per 100.
Thos. Salveson, Petersburg, Ill.

Field-grown carnations, ready now. 5000 Lawson, extra fine, and 5000 Queen Louise, $4.50 per 100, $40.00 per 1000.
F. Stielow, Niles Center, Ill.

Field-grown plants of Lawson, Joost, Norway. Prosperity, Crane and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown carnation plants. Glacier, $45.00 1000; Peru, $35.00 1000; Morning Glory, $45.00 1000. Eli Cross, Grand Rapids, Mich.

Field-grown carnations, fine plants, Enchantress, $6.00 100; Peru, white, $4.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Well-shaped, field-grown plants of Queen Louise, Lawson, Joost, $5.00 100. Cash.
Murphysboro Greenhouses, Murphysboro, Ill.

Field-grown carnations, Norway, America and Joost, $4.00 per 100, $36.00 per 1000.
Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Field-grown plants of Lawson, Peru and Guardian Angel carnations, $4.00 per 100.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

Carnations. Joost, from field, extra good plants, ready now, $5.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Carnations, field-grown. New and standard varieties. Write for prices.
A. C. Canfield, Springfield, Ill.

Carnations, field-grown. 1200 Joost at $4.00 per 100. South Bend Floral Co., South Bend, Ind.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CHRYSANTHEMUMS.

Surplus stock, 2-inch, $2.00 100.

Yellow	White
100 Oct. Sunshine	200 W. Bonnaffon
Red	200 Robinson
500 Black Hawk	300 Estelle
1000 Oakland	200 W. Mayflower
1000 Paul Labbe	200 Kalb
Pink	100 Wanamaker
400 Wm. Duckham	50 W. Ivory

First come, first served.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums, young, thrifty plants, 2¼-in., $2.50 100; $25.00 1000.

Xeno	Mrs. Murdock
V. Morel	Maud Dean
Wm. Duckham	Glory of Pacific
Ivory	Opah
Pink Ivory	Polly Rose
Mrs. H. Robinson	Lavender Queen
Nagoya	

N. Smith & Son, Adrian, Mich.

Chrysanthemums, 2½ and 3-in. stock, extra large. 700 Robinson, $2.00 per 100; 300 Urania, best very late white, $2.50 per 100; 200 Enguehard, $3.00 per 100; or can have the lot for $25.00 cash. Will exchange for Nelson Fisher, Lawson, or any good pink carnation.
C. L. Baum, 317 W. Clinch St., Knoxville, Tenn.

Chrysanthemums, fine plants, ready to shift. 1000 Duckham, 100 Ben Wells, 150 Thirkell, 350 Diedereich, 150 Vallis, 100 M. Richardson, 2-in., $3.00 100. 50 Ben Wells, 300 Duckham, 3-in., $4.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums. Rooted cuttings of new and standard varieties; also plants in 2½-in. pots, all good stock. For prices and varieties see display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Clean, healthy, field-grown carnations. Enchantress, $6.00 per 100. G. Lord and Flora Hill, $5.00 per 100. Cash with order.
Onaway Greenhouses, Boonton, N. J.

Hardy chrysanthemums. Field-grown plants for bedding or greenhouse planting, $1.00 doz.; $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cinerarias, strong, 2-in., fine, $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Cinerarias, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

COLEUS.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.

"The cyclamen seedlings arrived today in good shape. We are well pleased and are glad to know that by packing properly, plants will stand the trip." Yours truly, Park Floral Co., San Francisco, Cal., July 12, 1905.
C. Winterich, Defiance, O.

CYCLAMEN SPLENDENS GIGANTEUM. Well grown stock in fine colors including the fringed varieties, from 2½-in. pots, $5.00; 3-in. pots, $7.00; from 3½-in. pots, $12.00; from 4-in. pots, $15.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, extra well grown, strong 4-in., ready for 5 and 6-in. pots, in 5 separate colors, $12.00 and $18.00 per 100. Cash with order, please. Hugo Book, Worcester, Mass.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DAISIES.

Shasta daisy, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, large, field-grown for 6 and 7-in. pots, $15.00 per 100; 200 for $25.00.
J. C. Schmidt Co., Bristol, Pa.

Dracaena indivisa, 2-in., $2.50 100; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

FERNS.

FERNS OUR SPECIALTY.

We have over half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Dodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.

Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.

CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Nephrolepis Barrowsii, strong stock plants, $25.00 100. Boston ferns, 2 runners, $4.00 100; ready for 5-in., $3.00 doz.; $25.00 100; from 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz. Wittbold Co, 1657 Buckingham Pl., Chicago.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o, b., express.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albo-lineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Nephrolepis Scottii and Barrowsii. Our stock of both varieties is large and in fine condition. See display adv. for sizes and prices.
Henry A. Dreer, 714 Chestnut St., Phila.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Ferns from flats. Aspidium, cyrtomium, many pteris sorts, ready for 2-in., $1.50 100; $12.00 1000, includes delivery. From 2¼-in., $3.00 100; $25.00 1000, f. o. b. only.
H. H. Berger & Co., 47 Barclay St., New York.

Nephrolepis Scottii, strong plants, 2¼-in., 75c doz., $6.00 100; 4-in., $3.50 doz., $25.00 100; 5-in., $6.00 doz., $50.00 100; 6-in., $12.00 doz., $90.00 100.
J. W. Young, Germantown, Phila., Pa.

Small ferns for fern dishes, strong plants, 2¼-in., $3.00 100; $25.00 1000. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Piersoni ferns, 3-in., $9.00 per 100. Boston ferns, 3-in., $6.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Stock for ferneries, mixed ferns, 2¼-inch, $2.00 100. Cash or C. O. D.
Wm. A. Clark & Son, Watertown, N. Y.

Boston ferns, 5-in., fine stock, $3.00 doz., $25.00 100, $240.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Boston ferns, fine stock for 5-in. from bench, $12.50 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

New Barrowsii fern, 3-in., $50.00 100.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 8-in. pans, $10.00 doz.
National Plant Co., Dayton, Ohio.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

FORGET-ME-NOTS.

Myosotis Winter Queen, flowers from November until Easter on the bench or in pots; nice plants, 2½-in., $4.00 100.
O. V. Zangen, Hoboken, N. J.

True, winter-flowering forget-me-nots for edging carnation beds and pot forcing, 50c 100; $4.00 1000.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

FUCHSIAS.

Fuchsias, named varieties, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

GARDENIAS.

Gardenia Veitchii, true variety, strong, bushy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

GERANIUMS.

The new seedling geranium, Tiffin, is the freest blooming of all the single scarlet geraniums. It will be introduced and delivered strictly in rotation, beginning Feb. 1, 1906. The price for strong, 2-in. plants is $2.25 doz., $15.00 100. Would advise placing orders early.
S. S. Skidelsky, 824 No. 24th St., Phila.
Lewis Ullrich, Tiffin, Ohio.

TELEGRAPH, the new geranium, is a brilliant scarlet cerise in color with immense trusses borne on long stiff stems. It is a grand bedder and greenhouse geranium. Extra strong, 2½-in. stock, the finest you ever saw, $6.00 100.
Thos. De Voy & Son, Poughkeepsie, N. Y.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100. Chas. Gay, Des Moines, Iowa.

Geraniums, single and double, standard varieties, named, $2.50 100. Ivy, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

Geraniums, 500 mixed, standard varieties, strong plants from 4-in. pots, $3.50 per 100.
Mrs. Hubert Graham, Bowling Green, Ky.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

American arbor-vitae, broad and bushy trees, well branched on all sides, in grades from 3 to 6 ft. high. Have been transplanted three times and are supplied with such an abundance of fibrous roots that there is scarcely a possibility of loss from moving. Shipped either with or without ball. They are splendid trees for screens or hedges.
Also a full line of ornamental nursery stock.
Wm. H. Moon Co., Mill St., Morrisville, Pa.

Hardy plants, per 100:
Arbor-vitae, golden, from seed, 8 in. high..$5.00
Habrothamnus, from 2½-in., strong..... 5.00
Streptosolen Jamesonii, 2½-in., strong..... 8.00
Coccoloba, from 3-in., strong..... 7.00
Solanum Wendlandii, from 3-in., strong.... 6.00
Mandevilla grandiflora, from 3-in., strong.. 5.00
Golden State Plant & Floral Co., Santa Monica, Cal.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Best hardy garden carnations. Chabaud, remontant, from the choicest imported seeds, assorted varieties and colors, $1.00 per 100.
Jacob Thomann, 838 No. Goodman St., Rochester, N. Y.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Berberis Thunbergii, Rosa lucida, R. rugosa, Viburnum cassinoides and V. dentatum. Write for prices.
Sidney Littlefield, North Abington, Mass.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A general assortment of perennials, shrubs, vines, berries, etc. Special prices on application. Brown Bros. Co., Rochester, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

A fine lot of shade and ornamental trees, shrubs, etc. Send us your want list.
Franklin Davis Nursery Co., Baltimore, Md.

Sugar maples, 6 in. to 10 ft., and Catalpa speciosa seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

Hardy herbaceous plants. Descriptive catalogue and trade list mailed free.
J. T. Lovett, Little Silver, N. J.

We offer a full line of ornamental stock. Call or write for prices.
The Shrewsbury Nurseries, Eatontown, N. J.

Hardy plants and bulbs, wholesale only. Low prices. Send for list.
S. J. Galloway, Eaton, Ohio.

IVY.

English ivy, 2-in., $2.00 100.
National Plant Co., Dayton, Ohio.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage lily of the valley, selected pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelia Cryatal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobellaa, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MAURANDIAS.

New large-flowering maurandia, giant blue, a novelty of real merit, 2-in. pots, $1.00 per doz. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

MOONVINES.

Moonvines, white, 2-in., $2.50 100.
National Plant Co., Dayton, Ohio.

MUSHROOM SPAWN.

Michell's mushroom spawn is the best. New shipments arrive every three weeks. Dozen bricks, $1.50; $6.00 100 lbs.; $55.00 1000 lbs.; 250 lbs. at 1000 lb. rate.
H. F. Michell Co., 1018 Market St., Phila.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

BUSINESS BRINGERS—
REVIEW Classified Advs.

PALMS, ETC.

Cocos Weddelliana, 3-in., 15c. Areca lutescens, made up, 5½-in., very fine, 40c to 50c each; 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c; 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c each.
Kentia Forateriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c, 4-in. pots, made up, 3 plants in pot, about 10 leaves in all, 20 in. high, 25c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Palms. The choicest stock, strong, hardy and perfect in every respect. See display adv. for varieties, sizes and prices. Price list on application. Chas. D. Ball, Holmesburg, Phila., Pa.

A fine lot of Latania Borbonica, 3-inch pots, one to two character leaves, $4.00 100; $35.00 1000; $300.00 10,000. J. B. Heiss, Dayton, O.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00; Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Plants from my extra select Giant strain, ready Sept. 1. Peter Brown, Lancaster, Pa.

PEONIES.

Order your peonies now while the list is complete. We ship September 1 and the plants will be well rooted in your grounds before any imported stock could arrive, and you will have an advantage of 20 per cent in growth.
Send for retail descriptive price list. Stock guaranteed true. No charge for packing.
Peterson Nursery, 504 Peterson Ave., Chicago.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100.
For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies in choice assortment for florists, from earliest to latest, all named. Write for prices.
F. A. Balier, Bloomington, Ill.

Peonies, mixed, $6.00 100. White, $10.00 100. Other colors. Send for prices.
S. J. Galloway, Eaton, Ohio.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

Peonies, 75 varieties, price list now ready.
C. & M. Wild, R. D. 19, Sarcoxie, Mo.

POINSETTIAS.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000. John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias, strong 2½-in., September and October delivery, $5.00 per 100; $10.00 per 250.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, 2½-in., $4.00 per 100.
Krueger Bros., Toledo, Ohio.

PRIMULAS.

P. Chinensis, obconica grand. rosea and fimbriata, strong plants, 2½-in., $3.00 100; $25.00 1000. P. Forbesi, strong, 2½-in., $2.50 100. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Obconica primroses, my new hybridized giant-flowered strain is now ready in 2½-in. pots. Compacta, a fine potter, $6.00 100. Carmine, purple, pink, lilac, these colors, fine, mixed, $3.50 100. O. V. Zangen, Hoboken, N. J.

Primula obconica, best, large-flowering kinds from 2½-in. pots, $3.00 per 100.
E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

Chinese and obconica (ready Aug. 20), Forbesi, Baby, and floribunda, yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. Large-flowering, fringed; mixed; 2-in., $2.00 per 100. Cash. J. W. Miller, R. D. 6, Carlisle, Pa., former address Hatton.

Primroses. Obconica grandi., fimbriata alba, rosea, lilac, carmine, hybrid, Baby, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primulas. Chinese and obconica, good, strong plants, $2.50 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Primroses, choice, in 3-inch pots, strong, first-class, $3.00 100; 2-inch, $2.00 100.
W. B. Woodruff, Westfield, N. J.

Primula obconica grandiflora, finest fringed, alba and rosea, 2-in., 2c. Cash.
Byer Floral Co., Shippensburg, Pa.

Primula obconica grandi., 2-in., $2.00; 2½-in., $2.75; 3-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Primroses, Chinese and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese primroses, 2-in., best grown, $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Primroses, all varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Primula Buttercup, 2-in., $3.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

PRIVET.

California privet from 6 inches to 3 to 4 feet. Prices on application.
Brown Bros. Co., Rochester, N. Y.

A fine lot of California privet. Send us your want list.
Franklin Davis Nursery Co., Baltimore, Md.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

ROSES.

American Beauty	3½-in.,	$6 100,	$50 1000
Max Von Herresdorfer	3½-in.,	5 100,	40 1000
Ideal	3½-in.,	5 100,	40 1000
La Detroit	3½-in.,	6 100,	50 1000
Rosalind Orr English	3½-in.,	25 100,	200 1000
Bridesmaid	3 -in.,	4 100,	35 1000
American Beauty	2½-in.,	5 100,	40 1000
Uncle John	2½-in.,	3 100,	25 1000
Wm. Askew	2½-in.,	5 100,	40 1000
Sunrise	2½-in.,	4 100,	35 1000
Bridesmaid	2½-in.,	2.50 100,	20 1000

American Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

BABY RAMBLER, a true perpetual bloomer, perfectly hardy, of easy culture. Strong field-grown, dormant plants for forcing or propagating, ready Oct. 1, $250.00 1000. For immediate shipment, 2½-in. pot plants, $100.00 1000. Also a general assortment of H. P. roses, Crimson Rambler and other hardy roses.
Brown Bros. Co., Rochester, N. Y.

ROSES—Continued.

Roses from 2½-in. pots.

	100	1000		100	1000
Am. Beauty	$5		Bride	$3	$25
Ivory	3	$25	Maid	3	25
Perle	3	25	Chatenay	3	25
G. Gate	3	25			

American Beauty, from 3-in. pots, $6.00 per 100. Chatenay, from 3-in. pots, $4.00 per 100.
Mrs. J. W. Crouch, 709 Market St., Chattanooga, Tenn.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Grafted roses for forcing. Free from mildew. Bride, Bridesmaid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Maid, Kaiserin, 3-in. pots, $7.00 100.
J. L. Dillon, Bloomsburg, Pa.

H. P. roses, clean, large plants, from 2½-in. pots. Gen. Jacqueminot, Marchioness of Lorne, Maurice Bernardin, Prince C. de Rohan, Vick's Caprice, Ulrich Brunner, John Hopper, Paul Neyron, Duc de Rohan and others, $38.00 1000.
E. G. Hill Co., Richmond, Ind.

The very latest European varieties including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Klondike roses from seed gathered in the Yukon valley, rare and should be hardy anywhere; very large, strong plants from 2-in. pots, 10c each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Roses. Chatenay, Golden Gate, Uncle John, 2½-in., $3.50 100; 3½-in., $5.00 100. Maid, 3½-in., $5.00 100. Liberty, 4-in., good stock, $10.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Roses. La France, 3-in., $5.00; Ivory, 3-in., $4.00; Golden Gate, 2-in., $2.50 100. Sample free.
R. L. Graham, 288 Old York Road, Baltimore, Md.

Rose plants. Perle, 4-in., $8.00; Bride and Maid, 3-in., $4.00; Gate, Perle, Ivory, Meteor, 2½-in., $3.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Choice northern field-grown roses; also rose plants, leading varieties in 2½-in. pots, at prices which will interest you.
C. M. Niuffer, Springfield, O.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Rose plants. Grafted—Mme. Hoste and Mme. Cusin, 3-in., $8.00 100. Own root—Bridesmaid, 3-in., $5.00 100.
J. Breitmeyer's Sons, Detroit, Mich.

Rose plants, own roots. Golden Gate, Bride, Maid, large, 4-in., $4.00 100. Cash.
Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides. 2-year-old plants. $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

1200 fine Beauties, 2½-in., $30.00 per 1000; $4.00 per 100. Kaiserin, 2-in., $15.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

See display adv. for list of roses, in 2-in., that we are offering for $15.00 per 1000.
Reeser Floral Co., Urbana, O.

Killarney, the best paying pink rose. A few hundred fine plants, 3½-in., $25.00 100.
Siebrecht & Son, New Rochelle, N. Y.

Roses. Novelties—forcing and bedding varieties—field-grown, strong and healthy.
Peter Lambert, Trier, Germany.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Bride and Bridesmaid roses, $2.50 100; American Beauty, 2-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Roses. Brides, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Brides and Maids, 3½-in., $4.00. Cash with order. L. E. Marquisee, Syracuse, N. Y.

Chatenay, La Detroit and Meteor, 3-in., $4.00 100. Crabb & Hunter, Grand Rapids, Mich.

New list ready, for fall and spring delivery.
The Leedle Floral Co., Springfield, O.

Maids, strong 4-in., clean stock, $6.00 100.
Pittsburg Rose & Carnation Co., Gibsonia, Pa.

RUBBERS.

25 Ficus elastica, 6-in., 2 to 2½ feet high from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Rubbers out of 3s, strong top cuttings for August delivery, $16.00 per 100, $150.00 per 1000. A. C. Oelschig & Son, Savannah, Ga.

Ficus elastica, imported, 4-in. pots, 25c; 5 to 5½-in., 35c to 40c; 6-in., very fine, 50c each.
G. Aschmann, 1012 Ontario St., Phila.

Strong rubbers, 5½-in. pots, 20 inches high, $4.00 per doz.
H. Schmidt, 408 Fulton St., Union Hill, N. J.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

PANSY SEED, Berger's Neverfail, mixture of the best sorts, giant bloom, prize flowers, 1000 seeds, 25c; 5000, $1.00; oz., $4.00. Pansy seed in separate colors, white, black, red, bronze, purple, blue, azure, yellow, blotched, striped, 1000 seeds, 25c; 5000, $1.00. Any named sorts, send for our list.
CINERARIA MAX. NANA, mixed, pkt., 25c; 5 pkts., $1.00. Cineraria nana, separate colors, white, rose, red, azure, blue, pkt., 25c. C. stellata, finest for cut flowers, especially funeral work, 25c pkt.
CYCLAMEN SEED. Saved by an expert grower from his grandest exhibition bloom. Giant, pure white, rose pink, brilliant crimson, white red eye, 75c 100; $6.00 1000. Novelty, Williams, the darkest cyclamen in existence, 25 seeds, 30c. Cyclamen, giant fringed, beauties, 25 seeds, 30c; 100 seeds, $1.00; 1000 seeds, $8.00. Cyclamen persicum, giant flowers, all colors mixed, 60c 100; $5.00 1000. 250 seeds at 1000 rate.
H. H. Berger & Co., 47 Barclay St., New York.

New crop seed of my well known CHRISTMAS sweet peas. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

SWEET PEAS for Xmas flowering Christmas, true, the earliest pink for flowering under glass, 15c oz.; 60c lb. White Christmas, true, the earliest white in cultivation, a companion to pink Christmas, 20c oz.; 75c lb.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00; 1000 seeds, 60c.
A. T. Boddington, 342 West 14th St., New York.

ENGLAND'S PRIZE STRAINS of cineraria, calceolaria and Chinese primrose are absolutely unsurpassed in size and brilliancy of color. Calceolaria and cineraria, mixed, 50c half trade pkt., $1.00 trade pkt.
Primula sinensis, fringed, mixed, 25c 100 seeds; $1.00 500 seeds; $1.75 1000 seeds. Obconica grandiflora, mixed, trade pkt., 30c. Stellata, 50c trade pkt. Forbesi, 40c trade pkt.
Johnson & Stokes, 217-219 Market St., Phila.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.
Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Giant pansy, the best large flowering varieties, critically selected. 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Perret's celebrated strain of pansy seed, $4.00 oz., $2.50 ½ oz.; trade pkt., $1.00; ½ pkt., 50c.
N. Le Page, Mt. Vernon, N. Y.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Pansies. Mette's Triumph of the Giants, the most perfect in the world, $5.00 oz., $1.50 ¼ oz., 75c 1-16 oz. Postage paid. Cash. Also grower and exporter of choice vegetable and flower seeds. Send for list and prices.
Henry Mette, Quedlinburg, Germany.

Grand Rapids lettuce seed, GILT EDGE STRAIN. We supply many of the largest commercial growers. Prices, lb., 50c; 5 lbs. or more at 40c per lb. Transportation prepaid at 10c lb. extra. Cash with order.
E. C. Green & Son, Medina, O.

Pansy seed, new crop, giant mixed. Trimardeau, Cassier, Odier, Bugnot, Psyche, Ruby King and Prince Henry, $4.00 oz. Plants of same strains ready October.
H. Ernst & Son, Washington, Mo.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Cineraria grandiflora, medium tall and dwarf, prize varieties, mixed, 50c trade pkt. Pansy seed, superb mixed, ⅛ oz., 60c; ¼ oz., $1.15; oz., $4.50. Choice, large flowering, mixed, oz., $1.25. W. C. Beckert, Allegheny, Pa.

Pansy seed, new crop. The two best mixtures for florists. Currie's International mixture, 50c 1000 seeds; $1.25 ⅛ oz.; $8.00 oz. Currie's Giant mixture, 25c 1000 seeds; 60c ⅛ oz.; $4.00 oz. Currie Bros. Co., Milwaukee, Wis.

We make a specialty of choice seeds for florists and our strains are the best in the market. See our display adv., also write us for our catalogues which are mailed free.
Weigelt & Co., Erfurt, Germany.

XXX pansy seed, finest German mixed. Per oz., $3.00; ¼ oz., 80c. Woodbury's Special Mixture, oz., $4.00; ¼ oz., $1.00. Other varieties, trade packets, 50c each. List free.
David B. Woodbury, South Paris, Maine.

Pansy seed. Barnard's Florists' Mixture, trade pkt., 25c; ⅛ oz., $1.00; ½ oz., $3.50; oz., $7.00, Giant mixture, trade pkt., 20c; ⅝ oz., 50c; oz., $4.00.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Pansy seed, trade pkt., $1.00; oz., $5.00. Cash. Larger or smaller quantities to suit. My pansies were the admiration of all. Quality unsurpassed.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirngiebel, Needham, Mass.

Buy your seed direct from the grower. Long Island cabbage seed and American cauliflower; also other special seed stocks for market gardeners. Francis Brill, Hempstead, L. I., N. Y.

Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Cyclamen seed. Fresh crop, ready now. White, with red eye; rose, lavender, and white, colors separate, $5.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Pansy seed. Surplus of new crop, elegant assortment of giant varieties, ¼ oz., $1.00; 1 oz., $3.00. Cash.
Byer Bros., Chambersburg, Pa.

Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
A. J. Santschi, Goshen, Ind.

Rawson's mid-summer catalogue of HARDY PERENNIAL SEEDS sent on application.
W. W. Rawson & Co., Boston, Mass.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Cash with order.
Cottage Nursery, San Diego, Cal.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Pansy seed, new crop, $1.00 per packet; $4.00 per oz.; $12.00 per ¼ lb. Cash.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy seed, large flowering, none better, oz., $4.00; 3 oz., $11.00. Cash.
Jos. H. Cunningham, Delaware, O.

Giant cyclamen seed, mixed, 55c 100; $4.50 1000, prepaid. Cash.
Byer Floral Co., Shippensburg, Pa.

Pansy seed, extra fine imported strain, ½ oz., $2.50; 1 oz., $5.00.
D. U. Augspurger & Sons, Peoria, Ill.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

SMILAX.

Smilax to close out. 2000 2½-in. pots, 2 plants in a pot, strong and healthy, $15.00 per 1000 pots. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax, strong plants, 2¼-in., $18.00 1000. Cash.
Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Smilax, 3000 strong 2-in., $9.00 per 1000; $25.00 for the lot.
C. C. Warburton, Battle Creek, Mich.

Smilax, good, 2½-in. plants, $1.50 per 100.
S. Rothermel, 2307 Wheeler St., Indianapolis, Ind.

Smilax, field-grown, good as 3-in., $2.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Smilax, strong, 2¼-in., $2.00 100. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Smilax, 2¼-in., ready to plant, $1.25 per 100.
Savanna Greenhouses, Savanna, Ill.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Smilax, strong 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Smilax, 2¼-in., $1.50 100.
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THE CANADIAN CONVENTION

The eighth annual convention of the Canadian Horticultural Association, which opened in the Natural History Hall, Montreal, on August 8 at 2 p. m., was the most successful gathering of the craft, both in point of interest and attendance. Never before in the history of the association has the attendance been as well distributed, or included so many delegates from distant points. There were delegates in attendance from Winnipeg in the west, to Truro, N. S., and St. John, Newfoundland, in the east.

The convention was called to order at 2 o'clock by President Geo. Robinson, Montreal, who introduced Mayor Laporte of Montreal, who delivered an address of welcome, extending to the delegates a hearty welcome and inviting them to be the guests of the city on Thursday. Mr. Wm. Gammage of London replied in behalf of the visiting delegates.

The president's address brought up some keen discussions on two or three points, the most noticeable of which was the tariff; this gave the politicians a chance to give us some of their speeches they had left over from last election. It was considered that many changes were necessary to properly readjust the tariff to suit the present day needs, and as the government has appointed a special tariff commission to go through the country and get reports, it was decided to have a special committee from the association address the commission. The changes that it was felt should be made will not materially affect the amount of duty to be collected. It was finally decided to stand by the report passed at the last convention at Ottawa.

Mr. W. Manda, of South Orange, N. J., was present and took part in the discussion. He made some good suggestions, and very ably upheld his free-trade ideas. He thought that many of the restrictions that were put upon trade by the several countries were never intended by our Creator. Certain localities, he said, were specially adapted to grow certain things, and he thought it a shame that a tariff bill should be put out to restrict the market. He considered that it was different with manufactured articles; with manufactured articles the difference in manufacturing them in one place from in another was not as a rule very great, nor was the loss as great to all concerned as with commodities of the greenhouse or field.

The reports of the secretary, treasurer and standing committees were read and adopted. The judges of the trade exhibit presented their report and awarded as follows:

D. J. Sinclair, Toronto, certificate of merit for florists' supplies. Campbell Bros., Simcoe, certificate of merit for new varieties of gladioli. Dupuy & Ferguson, Montreal, diploma for specially well selected collection of gardeners' tools. Hall & Robinson, Montreal, diploma for collection of small ferns. Special mention was also made of display of well made flower pots exhibited by the Foster Pottery Co., Hamilton, Ont., also for exhibit of Campbell's vaporizers made by Blackie Bros., Halifax; these were specially recommended by some of the delegates present who had used them.

The evening session was opened with an illustrated lecture on park designs by Frederick G. Todd, Montreal; this was a most interesting lecture, the lecturer using some 300 slides showing the park systems of the best cities of the United States and Canada. Especially did he dwell on the park system in Boston, and dwelling on the advantage of having a definite system in connection with parks.

Mr. Thos. McHugh, gardener to Forest and Stream Club, Dorval, Quebec, gave an essay on "How to Keep a Greenhouse Attractive in Winter," which must have taken much time in preparation. His list of plants to grow at different seasons with their full botanical names evoked much merriment amongst the younger members of the craft, as the long Latin names somewhat resembled the roll call in the Russian army. Mr. McHugh had the satisfaction of not only being complimented on his paper but heard many complimentary remarks on the condition of the greenhouses of which he has charge.

The paper on "How to Keep Grounds Attractive in Summer," by Mr. Burrows, gardener to R. B. Angus, of St. Anne de Bellevue, was very interesting and it might be remarked after visiting

this place on Friday we found that he carried his theory into practice.

At Wednesday morning's session we were disappointed in not having a paper by Mr. J. H. Dunlop of Toronto on "A Review of Roses and Carnations to Present Date and Their Special Requirements." Mr. Dunlop was unable to be present himself, and as his paper did not materialize, Mr. Wm. Gammage of London was asked to open the discussion on carnations, and Mr. Ed Dale on roses. These men brought up lively discussions, not only on the method of growing, but on the new varieties. It was generally considered that of the standard varieties of carnations at present in cultivation that Enchantress was the most profitable. Fiancee, Fred Burki, My Maryland and Lady Bountiful were considered among the best of the new varieties. With the new roses Mr. Dale did not consider that any of them had come up to the standard set by Bride and Maid. Mr. J. Bennett's paper on "How to Grow Nephrolepis" was freely discussed. The discussion brought up many comments on the new varieties of nephrolepis upon the market, and a hint was thrown out that many old varieties were being sent out under new names.

The essay on violets by F. L. Girdwood was fine. He dealt particularly on double violets; this discussion brought Mr. Wm. Fendley, the violet expert of Brampton to his feet, who answered many important questions regarding the growing of single violets, and the same gentleman was asked how and what varieties of sweet peas he grew, which he had been shipping with two-feet stems during the early spring. He replied that he could not answer the question as the growing had been done wholly by one of his boys, but he promised to have him at the next convention to answer the question himself.

The choice of place for next meeting and the election of officers took up the evening session on Wednesday, and as Mr. Downing, who was to have given a paper on greenhouse fertilizer was not present, this was left out.

An invitation from Mr. Wm. Hunt of the Guelph Agricultural College was extended to the convention to meet in Guelph next year. He also presented a petition signed by the florists of Guelph and the towns around, and as it was considered that the agricultural college would be quite interesting for the delegates, and being close to Toronto they would be able to take in the exhibition, it was decided to meet there.

The election of officers resulted as follows:

President, Wm. Fendley, Brampton; first vice-president, Wm. Hunt, Guelph; second vice-president, John Walsh; secretary, A. H. Ewing; treasurer, H. Simmers; committee, two years, Edw. Dale; three years, J. Campbell, J. Suckling and J. Eddy; representative on industrial exhibition board, H. Simmers.

On Thursday the delegates were entertained by the city of Montreal to a drive around, viewing the parks, were taken up the mountain, entertained at luncheon, then given a trolley ride through the city, and visited the harbor. Montreal has without exception every advantage to make a city attractive. The delegates were very much impressed with their mountain drive and the view from Observation park is one that will long be remembered. The banquet was held on Thursday evening at the Welland House. Mr. Geo. Robinson, the president, took the chair and kept everything in order. Besides good speeches a number of good songs were rendered by local singers, comic songs by Mr. McQuarry kept the delegates in good humor. A French song by Mr. Pinoteau was quite interesting to the English delegates. The toast list included "The King," which was responded to by singing "God Save the King." "Our Country" was responded to by Mr. J. Suckling of Truro, who among other things, remarked that Nova Scotia was not a bad place to live in, although the Grits did carry everything. "Our Society" was responded to by Mr. H. Simmers, Mr. John Walsh and Mr. P. McKenna. "Our Sister Societies," by W. Manda for the American societies, Mr. Wm. Wilshire for the Montreal gardeners and Mr. J. Bennett for the Montreal florists, and Mr. Walter Wilshire for the Toronto gardeners and florists. The toast to the city of Montreal was responded to by Alderman Packard. "The Ladies" by Mr. D. J. Sinclair.

On Friday the delegates were entertained by the gardeners and florists of Montreal and were taken out to St. Anne de Bellevue to visit the private places of the wealthy men of Montreal; this was without exception one of the most enjoyable days that the delegates put in, and it was certainly a treat to see the magnificent places that are attended to by private gardeners we had met in the convention hall; it would be impossible to enumerate them all. After visiting a number of them we were entertained at luncheon on the lawn of R. B. Angus, Esq. After doing justice to a magnificent luncheon, and drinking the health of our entertainers we took the boat down the Lachine Rapids to Montreal, thus ending a thoroughly enjoyable day's sight-seeing. D. J.

FERTILIZERS IN GREENHOUSES.

[A paper by Wm. Downing, foreman for H. L. Janzen, Berlin, Ont., written for the Canadian Horticultural Society at the Montreal meeting, August 8 to 10, 1905.]

In writing a paper on fertilizers for greenhouse purposes to be read before so august an assembly as the C. H. A. one is at a disadvantage, owing to the many differences of opinion as to the meaning of the word "fertilizer" to be found among the members. To go to the dictionary for a meaning, as applied to horticulture we find that "any substance added to the soil to produce a more fertile condition" is the solution offered. It will be a considerable help to keep this in view as the text of the paper.

At this point perhaps it were as well to state that my intention is not to exploit any special artificial manure, for two reasons:

1—That I have not given any of the articles manufactured here in this country sufficient test to speak with that nicety of opinion requisite.

2—That remarks made before a body of florists on such subjects would cause no little ill feeling to be engendered in the hearts of those whose products were not placed in the front, and, as it is stated that comparisons are odious, particularly so from a business standpoint.

First let us look at the requirements of plants in the direction of food so as to better appreciate the value of the various manures. Sulphur, potassium, sodium, calcium, magnesium, iron, chlorine, silicon phosphorus and nitrogen are the elements which go to build up a plant and are derived from the soil. The three which are most essential are nitrogen, phosphorus and potassium. The other elements mentioned are nearly always in a soil in sufficient quantities without adding the form of fertilizers, or are in chemical combination with these three essentials and are so used.

To now come to the fertilizer for greenhouse use, it is fitting to take first the manure most commonly used, as it also contains largely the most necessary of plant foods, nitrogen.

The best manure for the supply of this the all important food is that derived from the excretions of animals and not only does it contain all that is necessary for the growth of a plant, but it is the cheapest and most lasting in its effect. As to the manner of using, everything depends upon the size of place and time at the disposal of the grower.

As a liquid it cannot be surpassed, and this is the best mode of application, but as a mulch on bench-grown stock it is very effective. No more need be said, as everyone who is a florist knows as much as can be known of the uses of this valuable manure.

Guano is another generally reputed nitrogenous fertilizer and when this manure was first offered such was the case, but later samples only contain about nine per cent of nitrogen and are really phosphatic guanos. These are still of value, but do not equal the Peruvian. In buying the above mentioned manure always get a guaranteed analysis. Various simple tests as to genuineness are: The color should be like coffee and milk; if dark brown it contains too much water, if gray too much earth. Odor should be ammoniacal. To the touch it should be like oil and when broken the pieces should have a crystalline appearance which denotes nitrogen.

Fish refuse is often offered as a fertilizer and is generally of good value and will contain from ten to twenty per cent of nitrogen and some quantities of potassium and magnesia which are added to act as preservatives.

Native guano is a preparation offered by some of the large cities of Europe. It is prepared from the sewage and contains valuable quantities of nitrogen. It is much preferable to have it in the fertilizer form than to use it as an ingredient of the drinking water. I may mention here that the Manchester Corporation, England, offers this at $20 per ton and thereby turns a waste product to good use. Probably some of the enterprising florists of Montreal might go to work and use a like waste to the advantage of the trade.

Nitrate of soda is another nitrogenous manure but should not be largely used, as its tendency is to produce rapid, soft growth, with a consequence, deterioration of the blooming qualities. For finishing up mums, or putting color into the bloom, it cannot be excelled if given in weak doses or mixed with common salt.

Sulphate of ammonia is another chemical manure containing much nitrogen but the essential is not so readily available as in the nitrate of soda. It can, however, be used without the same injurious effect as is produced by the use of nitrate of soda.

(To be continued.)

Minneapolis, Minn.—Herman Bachman, Lyndal avenue south and Fiftieth street, is building a house 25x200, one 20x42 and a boiler house 18x60.

When Heating by Steam or Hot Water

Whether it is in a greenhouse or any other place, there are a number of things to be taken into consideration which are too often overlooked until one finds that the coal bill is too large, and that he has to stay up a great deal of the night or put someone on to fire the boiler. I can furnish and install anything in the line of Heating Apparatus, and if you favor me with any work or an order for material, I can assure you prompt and satisfactory service. You will do yourself a favor by consulting me on this subject. It will not cost you anything and I should like to be given a chance to figure with you on anything you may need.

TELEPHONE 128 WAUKEGAN

ROBERT S. HALL, Waukegan, Ill.

Mention The Review when you write

WITH A COIL BOILER.

I am building three connected houses, one 14x52, ten feet to ridge, one foot glass in one side and glass in gable; one house 15x30, glass in both gables, and one house 10x30. I want to heat the houses 14x52 and 10x30 to 52 to 55 degrees and the other one to 60 degrees when the outside temperature is as low as 30 degrees below zero. I am building a coil boiler, which contains 100 lineal feet of 1½-inch pipe, besides the manifolds and has a grate surface of six square feet. Will this be large enough? Will a smoke-stack eight inches in diameter and twenty feet high be all right? In making up the coils in the greenhouse is there any objection to using tees and nipples? I shall use 2-inch pipe for flows and 1½-inch for returns. C. L. W.

To secure the heat desired in your various houses they will require the following piping: The house 14x52 should carry one 2-inch riser, or flow, returning by nine 1½-inch returns. The house 10x30 should have one 2-inch flow returned by seven 1½-inch returns, and the house 15x30 will require one 2-inch riser returning through fourteen 1½-inch returns.

The boiler you have planned is too small by about one-half. The piping as stated above is equivalent to 565 square feet of radiation. The boiler with 100 feet of 1½-inch pipe would have capacity for heating about 400 square feet of radiation. In order, therefore, to be on the safe side the boiler should carry 150 lineal feet of 1½-inch pipe.

The idea of building manifolds with tees and nipples is an excellent one; in fact it is to be preferred to the cast-iron manifold in all greenhouse work. The specifications given contemplate the flow pipe carried under the ridge and the expansion tank connected to the main return near the boiler and elevated so the bottom of the tank is from eight to twelve feet above the highest point in the flow pipe, which should be at the point in the flow pipe most remote from the boiler. I think it would be well to increase the size of the flue or smoke-stack to at least ten inches. L. C. C.

50,000 Asparagus Pl. Nanus

Asparagus Pl. Nanus,	2-inch,	$2.00	per	100
" " "	3-inch,	3.00	"	
" " "	3½-inch,	4.00	"	
" " "	4-inch,	5.00	"	

Express prepaid at above prices. Cash, please. 10 per cent off on lots of 250 and over.

DANVILLE PLANT AND FLOWER CO., Successor.

Wm. Linfoot, 317 N. Vermilion St., Danville, Ill.

Mention The Review when you write.

PRIMROSES

Chinese and Obconicas, ready August 20.	$2.00 per 100
Forbesi, Baby	2.00 "
Floribunda, yellow	2.00 "

ASPARAGUS

Plumosus nanus, 2-inch pots	$2.00 per 100
Sprengeri, 2-inch pots	2.00 "
Shasta Daisy, 2-inch pots	2.50 "
Pansy Seed, large flowering	4.00 per oz.

Cash. JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

SMALL FERNS for Fern Dishes, in 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

P. Chinensis in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Obconica Grandiflora Rosea and Fimbriata, in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Forbesi in 2½-in. pots at $2.50 per 100. CELESTIAL PEPPERS (just the thing for Christmas) in 2½-in. pots at $3.00 per 100; $25.00 per 1000. SMILAX in 2¼-in. pots at $2.00 per 100. Cash with order.
All the above mentioned stock are strong plants ready for a shift.

GARFIELD PARK FLOWER CO. (Not Inc.) Frank Oechslin, Prop.
1688 WEST MADISON STREET, CHICAGO.

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Asparagus Pl. Nanus

Seedlings from flats, ready for 2½-in. pots, $12.00 per 1000. Asparagus Sprengeri, $10.00 per 1000. Cash with order, prepaid.

Large field-grown Asp. Pl. Nanus, fine for benching and will give great satisfaction, $40.00 per 1000; 5000 at $35.00 per 1000. Not prepaid.

Yalaha Conservatories, Yalaha, Lake Co., Fla.

CYCLAMEN GIGANTEUM

large flowering, extra fine plants, ready to shift, 3-inch, $5.00 per 100.
Primroses, Chinese and Obconica, 2¼-inch, $2.00 per 100.
Asparagus Sprengeri, 2¼-inch...$1.50 per 100

Samuel Whitton, 15-17 Gray Ave., Utica, N.Y.

S. S. SKIDELSKY,
824 North 24th St.,
PHILADELPHIA.
CORRESPONDENCE SOLICITED.

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BOBBINK & ATKINS
Decorative Plants.
Rutherford, N. J.

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Sheathing, Flooring,

WHITE CEDAR POSTS

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"PECKY CYPRESS"

Everything in Pine and Hemlock Building Lumber

Adam Schillo Lumber Company

Cor. Weed Street and Hawthorne Avenue, CHICAGO

WRITE FOR PRICES.

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Now ready. Good, stocky plants from 2-in. pots; no cuttings.

Le Cid	$2.00 per 100	Jean de La Brete	$3.00 per 100	Mme. Jaulin	$2.00 per 100
Jean Viaud	2.00 "	Madonna	3.00 "	Mar. de Castellane	3.00 "
Mme. Barney	2.00 "	Miss Kendell	2.00 "	Miss F. Perkins	2.00 "
Bruanti	2.00 "	M. Jolly de Bammeville	4.00 "	S. A. Nutt	2.00 "
Centaure	2.00 "	Mme. Charlotte	2.00 "	Granville, single	2.00 "
Mme. Canovas	2.00 "	Mme. Landry	2.00 "	Mrs. E. G. Hill	2.00 "
Gloire de France	2.00 "			Rycroft's Surprise (ivy)	2.00 "

We will send 1000 (50 each) of the above varieties for $18.00; or 500 (25 of each) for $10.00. Cash with order.

TELEGRAPH GERANIUM, $1.00 per doz.; $6.00 per 100.

Send for descriptive geranium list. Let us figure on your supply for next season.

HARDY CHRYSANTHEMUMS

Field-grown plants for bedding or greenhouse planting, $1.00 per doz.; $6.00 per 100. Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.

ALYSSUM—Giant and Dwarf, HELIOTROPE, LANTANAS, SWAINSONA ALBA and ROSEA, PLUMBAGO — White and Blue, HARDY ENGLISH IVY, $2.00 per 100: $17.50 per 1000.

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Celery Plants
IN ANY QUANTITY

White and Pink Plume, Giant Pascal, Golden Heart, Boston Market, and other varieties, $1.00 per 1000; $8.50 per 10,000. Special price on lots of 100,000 and over.

CABBAGE

$1.00 per 1000; $8.50 per 10,000.

A cordial invitation is extended to the trade to visit us. White Marsh is at Cowenton Station, Philadelphia division B. & O. R. R., 12 miles north of Baltimore. Come and see us. Write us and we will tell you about trains, etc.

R. VINCENT, JR. & SON
WHITE MARSH, MARYLAND

WINTERSON'S "JACK ROSE" Brand
BONE MEAL

Is Used by Growers Who are Looking for RESULTS

5 lbs.	$0.25	200 lbs.	$3.50
10 lbs.	.40	500 lbs.	8.00
25 lbs.	.60	1000 lbs.	15.00
50 lbs.	1.00	2000 lbs.	30.00
100 lbs.	2.00	Write for prices on larger quantities.	

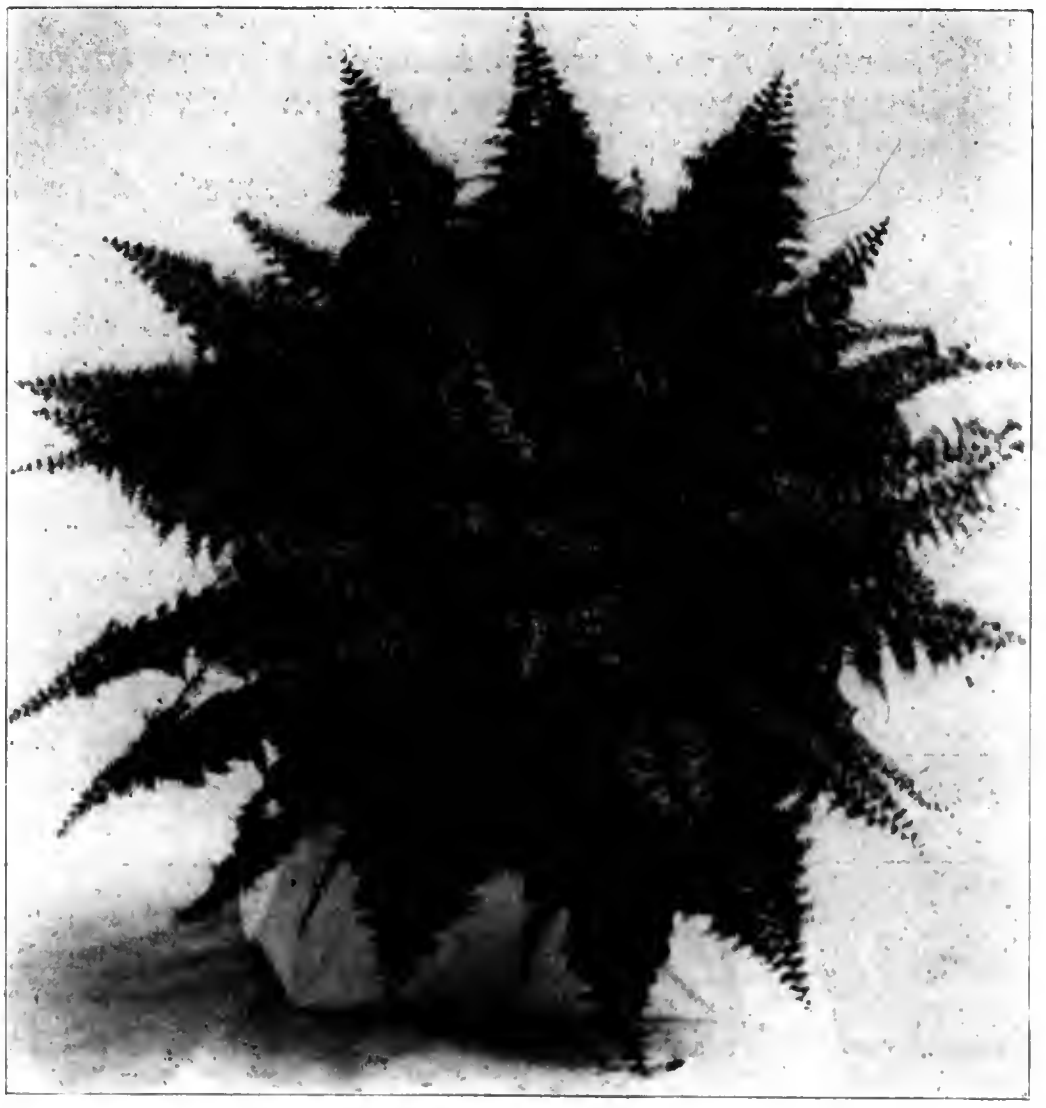
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Best of all the new forms of the Nephrolepis

WE LIKE THIS NEW FERN SO WELL THAT WE SHALL GROW IT LARGELY, FEELING CERTAIN THAT BOTH OUR WHOLESALE AND RETAIL TRADE WILL CALL FOR IT AS SOON AS ITS MERITS ARE KNOWN.



We are also the Introducer's Western Distributing Agent.

Of all the crested forms of the Nephrolepis, this is the hardiest and best. Fronds more dense, more finely pinnate, of more massive and delicate effect. Thrives in same temperature and under same conditions as the old Boston fern. Having more fronds than any other form, well supported by stout midribs, it is of more shapely and bushy habit, yet dwarf and compact. A decided improvement over other introductions and is admitted by the highest authorities to be the best introduction to date for all purposes.

Order of the Western Agents.

2½-in. stock from bench, $25.00 per 100.

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3 per doz.; $25 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch. $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	6	21-26	6-7	$1.25	15.00	
" "	7	32-34	6-7	2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	4	18-20	3-5	.30	3.60	
" "	5	24-26	4-6	.60	7.20	
" "	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18 00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
"	5			.25	3.00	
Dracaena Fragrans	4				3.00	
"	5				5.00	
"	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
"	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
"	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "	"			5.00
Boston Ferns, 2 runners						4.00
Japanese Fern Balls, in leaf					4.00	

NEPHROLEPIS BARROWSII strong, stocky plants, $25.00 per 100

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4-inch pot plant "Telegraph."

Did you see it planted out in

Government Grounds, Washington?

All Progressive Florists are Placing Telegraph in Stock

SOME OF THE REASONS WHY:

Telegraph is becoming universally popular.
Telegraph's brilliant scarlet cerise color is most attractive.
Telegraph's immense trusses, borne on long, stiff stems, appeal to the most critical.
Telegraph's blooming qualities and strength of growth are all that could be desired.
Truly a grand bedder and greenhouse geranium.

COME AND SEE TELEGRAPH GROWING AT OUR ESTABLISHMENT, INSIDE AND OUT.

Extra strong 2½-in. stock (the finest you ever saw) **$6 per 100.**

THOS. DEVOY & SON, POUGHKEEPSIE, N.Y.

Mention The Review when you write.

THE READERS' CORNER.

Asters.

I would like to write you a few lines in regard to asters wilting when about four inches and over in height, also when blooming. I note an article written by J. P. R., page 556, of the August 3 issue, speaking of the same trouble that I am having this year. Never before has it happened to me, and it did not trouble my asters till now, or about four weeks ago. My asters are on soil that has not been worked for several years, the sod plowed under last fall. It was in good shape this spring, and well pulverized. About a week ago I found a plant that had just wilted. I took it up and found a large, white worm, usually called the grub worm, and have since found many in my yard and not doing any damage except to the asters, so far as I can see. I set out about 1,500 plants and about one-fourth of them are gone, and I should like to know if land plaster and lime mixed would kill such pests by putting it on the surface and then drag it into the soil that is for next season's use. I am discouraged with my asters this year. All of the other stock is in fine shape.

I wish you could tell me what is the cause of Rex begonias losing all their leaves to the stems and then beginning to shoot out new ones. These are last winter's cuttings and were doing fine till about six weeks ago. Is there any particular soil or temperature for them?

F. L. T.

OMAHA, NEB.—Herbert Slocombe makes a specialty of sweet peas, growing them by the acre, and has had a very successful season. He ships to the principal western cities and his business always excites much local interest during the sweet pea season. He is also a large violet grower.

THE PERFECT
Flower Pot Handle and Hanger



Is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc.

Will sustain a weight of 100 lbs.

No. 1 will fit from 2 to 5-in. pots; per doz., 30c.

No. 2 will fit from 5 to 8-in. pots; per doz., 40c.

No. 3 will fit from 8 to 12-in. pots; per doz., 50c.

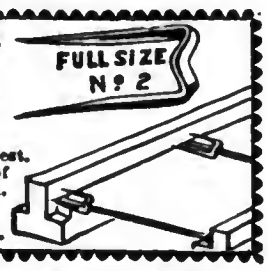
Postage, 10c extra per doz.; sample pair, 10c postpaid.

Use KRICK'S FLORISTS' LETTERS
THE BEST IN THE MARKET.
Send for list and samples.

W. C. KRICK, 1164-66 Greene Ave., BROOKLYN, N. Y.

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Holds Glass Firmly
See the Point of
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
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THE PEERLESS REPAIR CLAMP



to mend cracked glass immediately and permanently. On sale by Jobbers. 150 for $1.00 or address **A. KLOKNER, Wauwatosa, Wis.** Testimonials and samples free.

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Don't You Forget
SIEBERT'S ZINC NEVER RUST GLAZING POINTS
are positively the best. Last forever. Over 25,000 lbs. now in use.

A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.

Two sizes, ⅝ and ⅞, 40c a lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. **For Sale by**

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Manufactured by
W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000....$6.25. Sample free.
For sale by dealers.

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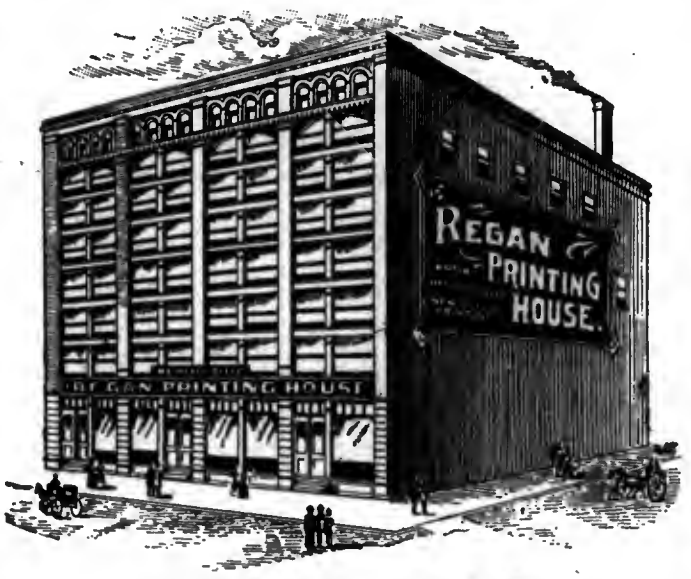
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AND
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CUTS MADE and CATALOGUES MAILED IF DESIRED
WORK PROMPTLY DELIVERED WHEN PROMISED

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NO JOB TOO SMALL

"WE NEVER SLEEP!"

DAY AND NIGHT PRESS ROOMS

A capacity of Twenty-five Tons of Paper per Day
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Special attention given to all kinds Linotype Composition

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87, 89, 91 Plymouth Place, CHICAGO, ILL.

TELEPHONE HARRISON 85

Guaranteed Fertilizers

Our Fertilizers are prepared especially for Florists' use and are analyzed by an expert chemist to see that they are free from all acids. You can depend upon their being just what you want, AND SAFE.
You ought to have these on hand at all times, ready for use.

PURE BONE MEAL

50 lbs	$1.25	500 lbs	$8.00
100 lbs	2.00	1000 lbs	15.00
200 lbs	3.50	2000 lbs. (ton)	27.50

PURE BONE FLOUR

100 lbs	$2.25	500 lbs	$8.50
200 lbs	4.00	1000 lbs	16.00
		2000 lbs. (ton)	$30.00

BLOOD AND BONE

Samples and guaranteed analysis furnished free. This is our regular Bone Meal soaked in pure blood. It is an excellent fertilizer to use as a top-dressing or for potting.

100 lbs....$2.00 200 lbs....$4.00 500 lbs....$9.00 1000 lbs....$16.00 2000 lbs. (ton) $30.00

PURE PULVERIZED SHEEP MANURE

100 lbs.....$1.50 500 lbs.....$5.00 2000 lbs. (ton) $16.50

Samples and guaranteed analysis sent on request.

E. H. HUNT, 76 Wabash Avenue, CHICAGO

Mention The Review when you write.

HUNDRED LEGS.

I have an insect in the greenhouses about an inch long with lots of legs, hard brown shell, smells badly if killed. It lies mostly in pairs or massed in pots. They are common enough but are getting too numerous and I would like to know how to get rid of them. They are destroying all my young plants and lime seems to have no effect on them. Kindly inform me about it. C. J. D.

This centipede, or species of it, if it is the same as we have often seen creeping around the surface of rose beds, is harmless and we found by laying a few tobacco stems on the bench that these little creatures succumbed. We found them stiff and dead by the hundreds. I suppose they had evolved in their expansive brains that life was not worth while if annoyed by the pernicious weed. We figured out that if a little handful of tobacco stems killed its hundreds, a cigarette fiend would do for a house of 60,000 feet capacity. The tobacco will kill them. It produces acute indigestion.

W. S.

TERRE HAUTE, IND.—T. L. Stevenson, who has been in the city store, is now at Otto Heinl's greenhouse in West Terre Haute. Business was good here the past season and it looks as though it will be better the next one.

THERE IS NO?

ARNOTT'S Complete Soluble Plant Food

Gives far superior results on FLOWERS AND FOLIAGE than any other fertilizer in the world. Prove it for yourself. Highest references. Particulars free on application to the manufacturers.

THE ARNOTT CHEMICAL CO.
114 Victoria St., Toronto, Canada

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McCRAY FLORIST REFRIGERATORS

Noted for ABSOLUTELY DRY INTERIOR, thus avoiding entirely the sweating of glass.

The positive circulation of PURE, COLD AIR within keeps the flowers in perfect condition.

ECONOMICAL in the USE OF ICE.
SCIENTIFICALLY CONSTRUCTED.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocery, Meat Market, Restaurant, in fact for any purpose the McCRAY is GUARANTEED absolutely satisfactory.

Thousands testify to its merits.



Special Sty e No. 686—Built to order only.

McCray Refrigerators are Built in all Styles and Sizes for Any Purpose

McCRAY REFRIGERATOR CO., 456 MILL STREET KENDALLVILLE, IND.

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Address Main Office unless you reside in one of above named cities.

Write for catalogues—No. 80 for Residence; No. 46 for Hotels, Public Institutions, etc.; No. 64G for Groceries; No. 57 for Meat Markets; No. 70 for Florists.

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THE EUREKA GREENHOUSES

SOLD BY

The Dillon Greenhouse Mfg. Co.

OF BLOOMSBURG, PA.

Are the STRONGEST, MOST DURABLE and PRACTICABLE.

You can purchase them at the factory and put them up yourself.

WRITE US FOR FULL PARTICULARS.

Mention The Review when you write.

GIRARD, O.—Wm. Gerke is occupying a new residence, just completed.

RUTHERFORD, N. J.—F. L. Atkins, of Bobbink & Atkins, is in Europe.



P. BASSETT
C. L. WASHBURN

GREENHOUSES HINSDALE, ILLS.

Bassett & Washburn
CUT FLOWERS
GROWERS
WHOLESALE DEALERS
76-78 WABASH AVE

Telephone Central 1457

DEALERS IN
FLORISTS SUPPLIES
WIRE WORK
A SPECIALTY

Chicago, June 28, 1905.

E. H. Hunt,
76 Wabash Ave.,
Chicago, Ill.
Dear Sir:-

As per your request we give our experience with To-Bak-Ine Liquid as a spray for Thrip. We used two tabelspoonful of the liquid to a gallon of water, and found fourteen gallons sufficient for a house of Bridee 25x300 ft. We applied this about two or three days apart, and found it cleaned the Thrip completely out of the house. Since then we have used it in other houses as a spray, and find this method very much better than fumigating, and think we will depend entirely on spraying with To-Bak-Ine Liquid in the future, as it does the work so much better than smoking.

Yours very respectfully,
Bassett & Washburn

Spray! Spray! with To-Bak-Ine Liquid

A **positive** destroyer of **Thrips, Green Fly** and **Red Spider. DIRECTIONS**—Based on a house 25x100—4 teaspoonfuls to a gallon of water, used eight times the first week and twice each week thereafter will absolutely keep your houses clean from insects. Use a good air or compressed sprayer with a misting nozzle. We recommend **our Simplicity Automatic Misting Sprayer** as the best. (This is the sprayer used by Messrs. Bassett & Washburn.)

Can you afford to let your plants get infected before at least trying **To-bak-ine Liquid?** It is the only 45% solution on the market and has other valuable features **found in no other nicotine solution.** Send for full particulars and directions, cost, the best method of spraying and the best sprayer.

Sample and "Words of Wisdom," by the leading growers, FREE.

E. H. HUNT, Gen'l Agent, 76-78 Wabash Ave., CHICAGO

We can't do much with a "Just Won't Grower"

who **KNOWS** that **ALL** tobacco powder is the same cigar and tobacco store trash he gets at his cigar store or from his seedsman and **JUST WON'T** ask for our booklet, that is full of sayings of his fellows, that read:—

H. A. S. Co.—Send 200 lbs. **Black Stuff Fine** for dusting; the like in action we have not yet seen. KIMMERLE & MINDER, Newark, N. J.

H. A. S. Co.—Please send 200 lbs. **Fumigating Kind Tobacco Powder**; best thing I have struck to date; got some from a neighbor. A. G. LAKE, Wellesley Hills, Mass.

He **JUST WON'T** believe that 95 per cent of all the growers who send for our free five-pound trial sample bags of **THE FUMIGATING KIND** (for fumigating) and **THE BLACK STUFF FINE** (for sprinkling), have purchased not once, but again and again, after the trial. **WHY BE A JUST WON'T.** when you can have these free trial sample bags; yes, two of them if one won't do. All we ask is for you to pay the express charges on them. **ASK NOW,** don't be a **JUST WON'T.**

THE H. A. STOOTHOFF CO., Tobacco Powder Hobbyists, 116 WEST STREET, NEW YORK, N. Y.

Mention The Review when you write.

OUR WARRANT IS ON EVERY CAN



LEAKY PIPE JOINTS HIT YOUR POCKET-BOOK

When you use **Red Cross Filler** to make up joints you are sure of three things:

First—The joint will be tight when made. Second—It will remain tight. Third—It can be taken apart easily at any time without injury to pipe or fittings.

It costs you nothing to secure these advantages as Red Cross is sold as low as any good material. We gladly ship this material to any responsible party on thirty days' trial and approval, if it does not do all we claim for it you need not pay us a penny. Small sample and literature free for the asking.

Address **THE EDGECOMBE CO.**

Box 483. **INDIANAPOLIS, IND.**

WHITE FLY AGAIN.

We are experiencing some trouble from a small white fly on asters. They work from the underside of the leaves, sucking the juices and causing the leaf to discolor and dry up, thus depriving the plant of nourishment through the leaves. The fly is about one-eighth of an inch long when fully developed and the bluish white eggs are similar to green aphis eggs. Please advise as to a preventive. J. A. S.

If the asters are outdoors I know nothing about it. If under glass, then it is the very troublesome little white fly. This fly is like the genus homo, omniverous in his choice of vegetables. There is only one sure cure, viz., hydrocyanic acid gas, which to save you trouble to look up, I will quote formula once more: One pint sulphuric acid, one pint water; mix in one gallon butter jar. Tie up two and one-half ounces cyanide of potassium. Drop the little parcel of cyanide into the jar and walk on. Keep the ventilators closed tight all night. The above is for each 1,500 cubic feet of air space in your house. This strength will hurt no living plant, but might kill you or the cat if you stopped too long. W. S.

THE SHAW MEDAL.

We wish to call your attention to the Shaw medal, which is offered in connection with the Shaw premiums each year when a flower show is held in St. Louis. The Shaw medal is a gold medal of $25 value, and is offered by permission of the trustees of the Missouri Botanic Garden, under provision of the will of the late Henry Shaw, and under the following requirements: "Best plant of decided merit for cultivation, not previously an article of North American commerce, and introduced to such commerce by the exhibitor during the year in which said award is made."

Haven't you a plant which you could show in competition for this valuable prize? OTTO G. KOENIG.

ROCKY RIVER, O.—Joseph Close, formerly of Dayton, is now at the J. M. Gasser Co. plant here.

DON'T LET YOUR ROSES MILDEW.



USE THE PEERLESS SULPHUR BLOWER.

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with testimonials on request.

If your seedsman does not handle it, order direct. **Price $4.00 F. O. B. Chicago.**

EDW. E. McMORRAN & CO, 15-21 North Clinton Street, CHICAGO.

Mention The Review when you write.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

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TOBACCO PAPER

"NICO-FUME" LIQUID

TOBACCO PAPER

Positively the Strongest on the Market.

Packed in Friction-Top Tins preventing loss by evaporation.

24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50 (only 2¼c each).

Furnishes the easiest method of fumigation ever devised.



BIG CUT IN PRICE OF NICOTINE

LIQUID

CONTAINS OVER

40% NICOTINE

Unsurpassed in Quality

Suitable both for

FUMIGATING

and

SPRAYING

Compare Quality and Price with other preparations:

GALLON	$10.50
½ GALLON	5.50
PINT	1.50
¼ PINT	.50

Our facilities for the manufacture of Tobacco Products are unequalled. Our exhibit of same received the highest award at the St. Louis Fair.

THE KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KY.

"THE HELL YOU SAY!!"

IS OVER

SHERMAN SAID "WAR IS HELL", AND HE KNEW —

TEDDY — WITTE — KOMURA —

WILL REDUCE THE VALUE OF JAPANNED RUSSIAN IRON RULE — YELLOW FEVER SCARE WILL SOON BE OVER — INSURANCE COMPANIES ARE HONEST — NOTHING FURTHER IN PAPERS WORTH READING —

GET BUSY!! WRITE US FOR FREE CATALOGUE SKETCHES ESTIMATES AND INFORMATION ON

GREENHOUSE MATERIAL.

FOLEY MANUFACTURING CO. CHICAGO
471 WEST TWENTY SECOND ST.

We can't be much wider than a "Just Won't Grower"

who **KNOWS** that **ALL** tobacco powder is the same cigar and tobacco store trash he gets at his cigar store or from his seedsman and **JUST WON'T** ask for our booklet, that is full of sayings of his fellows, that read:—

H. A. S. Co.—Send 200 lbs. **Black Stuff Fine** for dusting; the like in action we have not yet seen.
KIMMERLE & MINDER, Newark, N. J.

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FOLEY MANUFACTURING CO. — CHICAGO —

471 WEST TWENTY SECOND ST.



The Whilldin Pottery Co.

STANDARD FLOWER POTS

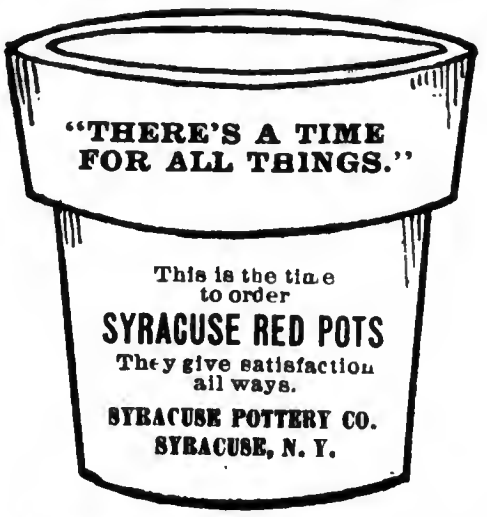
Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete

Main Office and Factory,

713 WHARTON STREET, PHILADELPHIA

Warehouses: JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.





Mention The Review when you write.

RED STANDARD POTS.

Price per 1000, f. o. b. Harrison: 2-in., $2.25; 2¼-in., $2.70: 2½-in., $3.25; 3-in., $4.25; 3½-in., $5.50; 4-in., $6.80; 5-in., $11.00; 6-in., $18.00. Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio.

BLOOMLESS.

I have a plant of American Beauty growing in a dooryard four years without blooming. It has made a fine growth and is five feet high with several canes an inch around. Can I graft it to make it bloom; when and how? In the spring my verbenas get rusty and mildew. What should I do to prevent it? J. W. J.

This plant, if it is a Beauty, which I very much doubt, should have shown bloom long ago. It is just possible that it is a grafted or budded plant and the scion has died out, leaving the stock to flourish.

It would be much cheaper to purchase a new plant than to go to the trouble of grafting this one. Budding would be easier done and, as this is the proper season for that to be done, get some one familiar with the work to insert a few buds in the strong canes.

Verbenas will get both rust and mildew if kept in a moist and stagnant atmosphere of a high temperature.

RIBES.

SHIPPENSBURG, PA.

This season, with the exception of a short time earlier in the summer, has been very favorable to the growth of all kinds of greenhouse plants and hardy stock in the field. The rains have been keeping the plants moving along and at the present time the Byer Floral Co. says stock is as large as it was last fall when frost cut it down. The hollyhocks have been making such an amount of growth that some have been blooming with fine spikes of bloom. This we have never noticed before. The young pansies seem to delight in our cool nights and promise great things. Business has been very good indeed the past season. Everyone feels that we will do better next season.

KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots, Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia & Reading R. R.

213 TO 223 PEARL STREET, NORRISTOWN, PA.

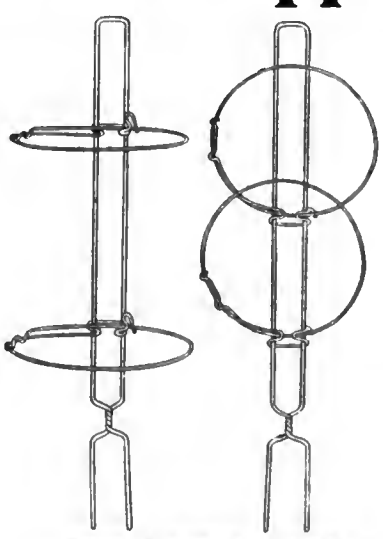
Heating Apparatus

Installed in any part of the country, or material furnished with plans.

JOHNSTON HEATING CO. St. James Bldg., 1133 Broadway **NEW YORK**

Mention The Review when you write.

The Gem Support



Open. Patented. Closed.

HAS ALL THE

GOOD POINTS

It is made of Galvanized Wire, two rings and one stake which are never taken apart. Can be raised, lowered, made large or small according to the size of your plants. Can be folded flat and does not catch or tangle. Neat and so handy that you cannot afford to be without it. Write now for prices.

J. H. BROXEY, Florist, Dayton, Ohio

Mention The Review when you write.



Mention The Review when you write.

WE ARE THE MAKERS OF THE

Model Glazing Point, Model Tomato Support.

Write for booklet of prices.

Parker-Bruen Mfg. Co., Inc.

1133 BROADWAY, NEW YORK.

Factory, HARRISON, N. J.

Mention The Review when you write.

"Absolutely safe and reliable. Ask your friends."

EVERY SECOND



The strain on the Materials of a Water Tank goes on, if it be kept full.

MAKE IT OF INFERIOR MATERIAL AND SOON IT WILL GIVE WAY.

Caldwell Tanks

NEVER LEAK

THE RIGHT STUFF GOES INTO THEM.

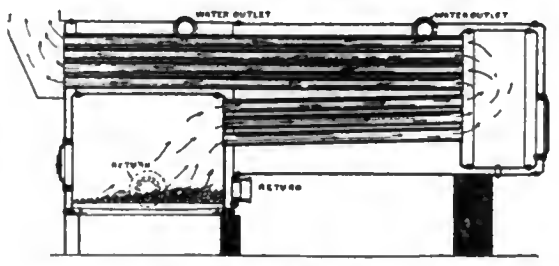
W. E. Caldwell Co.

Louisville, Ky.

Mention The Review when you write.

Superior Boilers

ARE GOOD BOILERS



No special discounts to offer, but Rock Bottom Prices at all times, for the BEST GREENHOUSE BOILERS on the market.

Write for booklet. Estimates cheerfully furnished.

Superior Machine & Boiler Works

129-133 W. Superior St., Chicago.

Mention The Review when you write.

The Wittbold Watering System



This Cut Shows a Row of Boston Ferns being Watered by the Wittbold System. The Same Line of Pipe also Waters Two Benches.

Was devised for

Greenhouse Work

Watering and spraying, but can also be used for outside work with best results. It consists of a combination of pipes and connections and tips so arranged that a **continuous sheet of water** the full length of house can be applied to a bench of plants and at the will of the operator can be directed upward from underneath the plants, downward from above the plants or parallel with the bench so that only the soil in the bench is watered. It can be used for syringing or watering. An entire house can be watered or syringed in only a few minutes. It is a permanent asset after once being installed, as it will never wear out, it is inexpensive as **half-inch pipes are used** and will save its cost in hose and labor in the first six months.

If spraying from overhead is all that is necessary two runs of half-inch pipe the full length of house, with connections, is all that would be necessary for a 25 to 28-foot house. Where watering from underneath is wanted a run of half-inch pipe, with connections, for each bench would be required.

If interested I would advise you to try a short length of my system, which would give you a better idea as to the work it will accomplish than I could explain.

Remember this system will save its cost in a very short time; it will give better crops, as water can be applied with such ease that watering will not be neglected. It will do better work than can be done with a hose, as an even amount of water will be given full length of the house.

Morrison, Ill., July 28, 1905.

MR. LOUIS WITTBOLD, Chicago.

Dear Sir: Sometime ago we put in one hundred feet of your watering system on trial and find it has given perfect satisfaction. Please send us five hundred feet more as soon as possible and when we can get to it we want eighteen hundred feet more to fit out our other houses. We think the system a very good thing and consider the labor saved by it will pay for the apparatus in one season.

Trusting that you will send the five hundred feet at your earliest possible convenience, we remain, Yours truly,

DAVIS BROS.

Milwaukee, Wis., July 26, 1905.

MR. LOUIS WITTBOLD, Chicago, Ill.

Dear Sir: While at Chicago I saw your apparatus in operation and marvel at the short time it takes to water the entire greenhouses.

My houses are being erected now and upon their completion I will certainly call upon you to place some in my buildings.

As for a time-saver there is nothing to equal it in my estimation and anyone realizing its value will not be without your system. Yours truly,

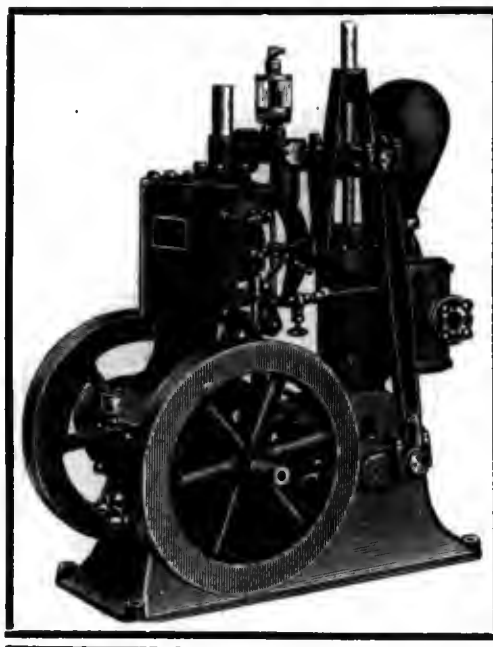
WM. EDLEFSEN.



This Cut Shows a Bench Equipped with the Wittbold System so Plants can be Sprayed from Below. Gauge to Show Water Pressure; it is 10 lbs.

I would be glad to furnish prices, by the foot, on pipe with nozzles inserted and all fittings ready to put up.

LOUIS WITTBOLD, PATENTEE 1708 NORTH HALSTED ST., **CHICAGO**



Our PUMPING ENGINES

WILL SOLVE THE

Water Supply Problem

FOR YOU

It makes no difference how deep your well, how far away your water supply, or where you wish to pump the water. We have machines to meet your requirements.

OUR NEW CATALOGUE WILL INTEREST YOU and will be mailed upon request.

The Standard Pump & Engine Co.

CLEVELAND, OHIO.

PIPING.

We have three houses running north and south. In our old system of heating the boiler was at the north. The houses slope to the south. We have five 2-inch pipes just under the gutters and branching off into 1¼-inch pipes under the benches for returns. They of course drain back to the boiler. Could we hitch our boiler to the south end of these 2-inch pipes and drop into the 1¼-inch pipes at the north end by raising them at the north and lowering at the south and get as good results? K. F. C.

I see no reason why you should not arrange the pipes so as to work satisfactorily in the way you suggest. It is not necessary that the high point in a hot water system be immediately over the boiler; in fact, it is well in systems where small pipes are used to have the highest point in the system at the point farthest from the boiler. The returns should, however, in all cases, have a good fall toward the boiler.

L. C. C.

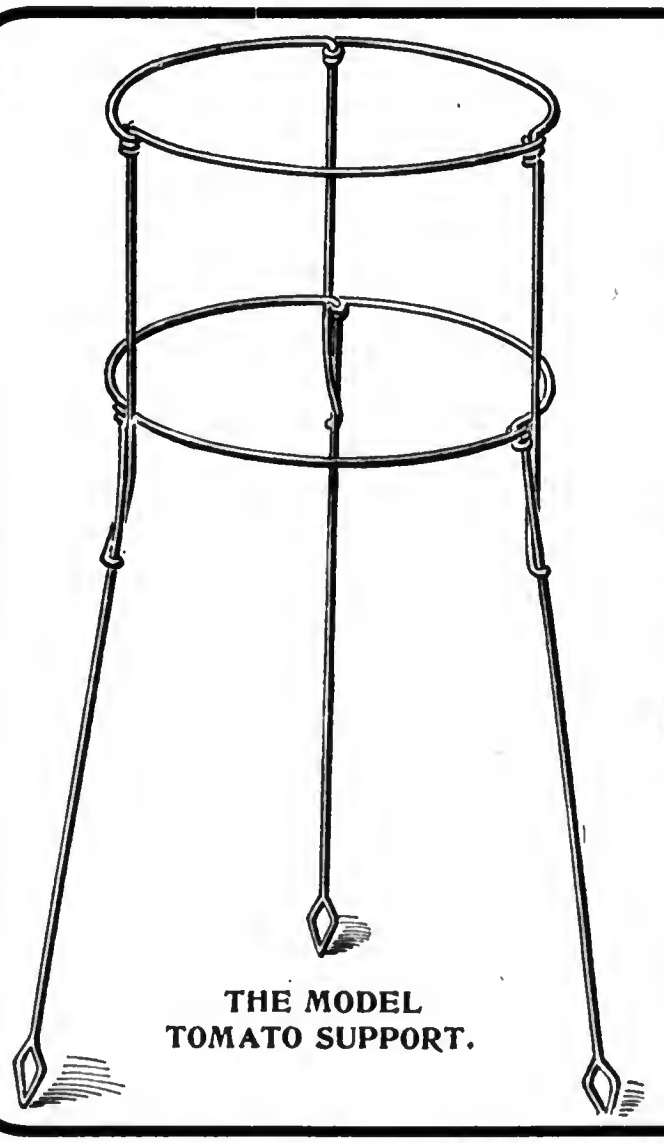
DON'T PAINT PIPES.

Our place is heated by steam and our pipes are close to the ground. They are rusted considerably and we would like to know if it is advisable to paint them with oil and lampblack. Or what else would you recommend for the purpose? W. F. C.

This question has been answered before, but it will do no harm to restate the matter. It is not advisable to paint the radiating pipes in greenhouses. Rusty pipes give off more heat than painted ones and the fumes resulting from almost any "paint" are very injurious to plant life. L. C. C.

Mitchell, S. D.—The Newbury's have completed three new houses, each 14x120, and have all their roses and carnations planted. They have also added a room 15x30 to the office.

Huntington, N. Y.—The Huntington Horticultural and Agricultural Society decided at its last meeting to offer money prizes at its next annual fall exhibition, which takes place in September. Liberal prizes are already being received and it is anticipated that the next show will exceed its predecessors in size and interest. Any offers of prizes should be sent to Walter Shaw, chairman of the exhibition committee.



THE MODEL TOMATO SUPPORT.

THE ONLY PERFECT

Tomato and Plant Support

MADE OF HEAVY GALVANIZED WIRE AND WILL NOT RUST.

Height complete .....34 inches
Height of bottom section, 24 "
Height of top section....12 "
Diameter of circle ..... 14 "

Model Carnation Supports
Galvanized Rose Stakes
and Tying Wire.

IGOE BROS.

226 North 9th Street,
BROOKLYN, N. Y.

Mention The Review when you write.

ANCHOR GREENHOUSE HOSE

The BEST for FLORISTS

MINERALIZED RUBBER CO. 18 Cliff St., NEW YORK

Mention The Review when you write.

PEOPLE who know a good thing when they see it, and will take advantage of the same, must be possessed with good judgment and are generally successful. One of our successful growers will this year take out 6,000 feet of wooden gutters, which are only 5 years old, and replace the same with 6,000 feet of the **GARLAND IRON GUTTER**, this being his fifth annual order.

Our long list of orders of this kind are is best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., DES PLAINES, ILL.

ESTABLISHED 1868 INCORPORATED 1894

John C. Moninger Co.

ALL HEART CYPRESS
Greenhouse Construction Lumber

Our material is guaranteed to be strictly first-class and absolutely free of all sap or defects.

We carry constantly a large and complete stock of open-air-dried lumber which, with our unexcelled facilities for manufacturing, enables us to make prompt shipments.

ON HOTBED SASH WE ARE LEADERS.

Our sash are strong and well made, with white-leaded tenons. Standard sizes always carried in stock. Our long experience and large, extensive trade place us in a position to furnish **STRICTLY UP-TO-DATE MATERIAL.**

During the year 1904 we furnished material for 1,250,000 feet of glass, and IT WILL PAY YOU TO GET OUR ESTIMATE IF YOU CONTEMPLATE BUILDING.

NEW 1905 ILLUSTRATED CATALOGUE AND QUESTION BLANK SENT FREE.

OFFICE: 111-125 E. Blackhawk St.
Factory: 412-422 Hawthorne Ave.
Lumber Yard: 31-41 Smith Ave.

JOHN C. MONINGER CO., CHICAGO



Quality
Service
Price

We do NOT claim to make better plates than everybody else, but we DO claim that nobody makes better plates than we.

Ask Us for the Proof

We believe we are giving better service and closer attention to details than other engravers.

Ask Us for the Proof

The price? Here's where we surprise you. Here's where we merit your orders.

Ask Us for the Proof

Will you let a 2-cent stamp stand in the way of your best interests? Write or phone we'll call with the proof.

Long Distance Phone, Harrison 78

CRESCENT ENGRAVING CO.
341-349 S. CLARK ST., CHICAGO



The Standard of Excellence

C. C. B. POCAHONTAS SMOKELESS COAL TRADE MARK REGISTERED

A Symbol of Quality

Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

C. C. B. POCAHONTAS SMOKELESS

Is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

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1 South 15th Street
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Branch Offices
Neave Building, Cincinnati, Ohio.
Terry Building, Roanoke, Vt.
European Agts.—Hull, Blyth & Company, 4 Fenchurch Ave., London. E. C., Eng.

Mention The Review when you write.

CONCRETE WALLS.

Will you please tell how thick I will have to build a concrete wall in my boiler pit. The pit is 16x25 and eight feet deep? The material to be used is coarse river sand and cement. The pit will be without drainage, so will have to be heavy enough to stand the water pressure. Also please state the proportion of cement. J. H. H.

——

The thickness of the walls will depend somewhat on the surrounding soil. If you have good, firm clay, then six inches would be thick enough, but for walls eight feet high eight inches thick is better. I can inform you now that it is much easier to make a cistern and keep water in than it is to keep water out and you will almost certainly be bothered with water. Let the floor of the pit dip slightly to one corner farthest from where you intend placing your heater or boiler. There make a small pit, say twelve inches square and twelve inches deep, so that you can if necessary pump the stoke hole dry. If you are to use hot water you are wise to go down deep, but it would be money well spent to sewer the pit if it can be done without too much expense. If your heating system is to be steam you need not go down in the ground one inch.

Procure good quality of cement and use one part cement to three of sand. When this is mixed dry and then again mix with water, add another three parts of crushed stone or coarse gravel from which the sand has been sifted. No matter whether the crushed stone is in pieces the size of a walnut or the size of your fist, they will only add bulk to the concrete and not in the least lessen the strength of the wall. W. S.

SEE THAT LEDGE.
Pat. Sept. 18, 1900.



THE JENNINGS IMPROVED IRON GUTTER.

....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA

CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

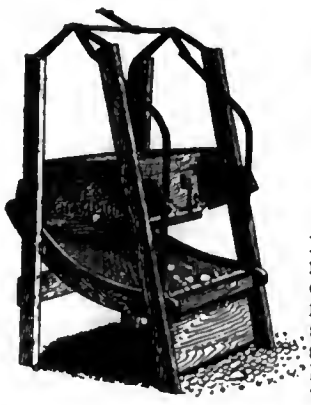
The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.**
To try them once is to use them always.

Size No. 0	3x4 x20	$2 00	per 100;	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2 00	"	19 00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	6.00	"
" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
" No. 7	6x16x20	5 50	"	.00	"
" No. 8	3x7x21	3 00	"	50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67 00	"
" No. 11	3½x5x30	3.00	"	28 50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.
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Mention The Review when you write.



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WOLF DUMP SIEVE SOIL MACHINE

Pulverizes sods, manure, all kinds of soil, cuts and forces the fibres through the sieve. Dumps the stones out separately. Pays for itself in ten days' use.

WOLF IMPROVED
Ventilating Apparatus

Have all the modern improvements necessary to make them the most economical and powerful machines on the market. Either pipe shafting or cable machines furnished to operate long houses from either the end or center. Send for descriptive catalogue and references.

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Write for our prices on anything you may need for the erection of your greenhouses.

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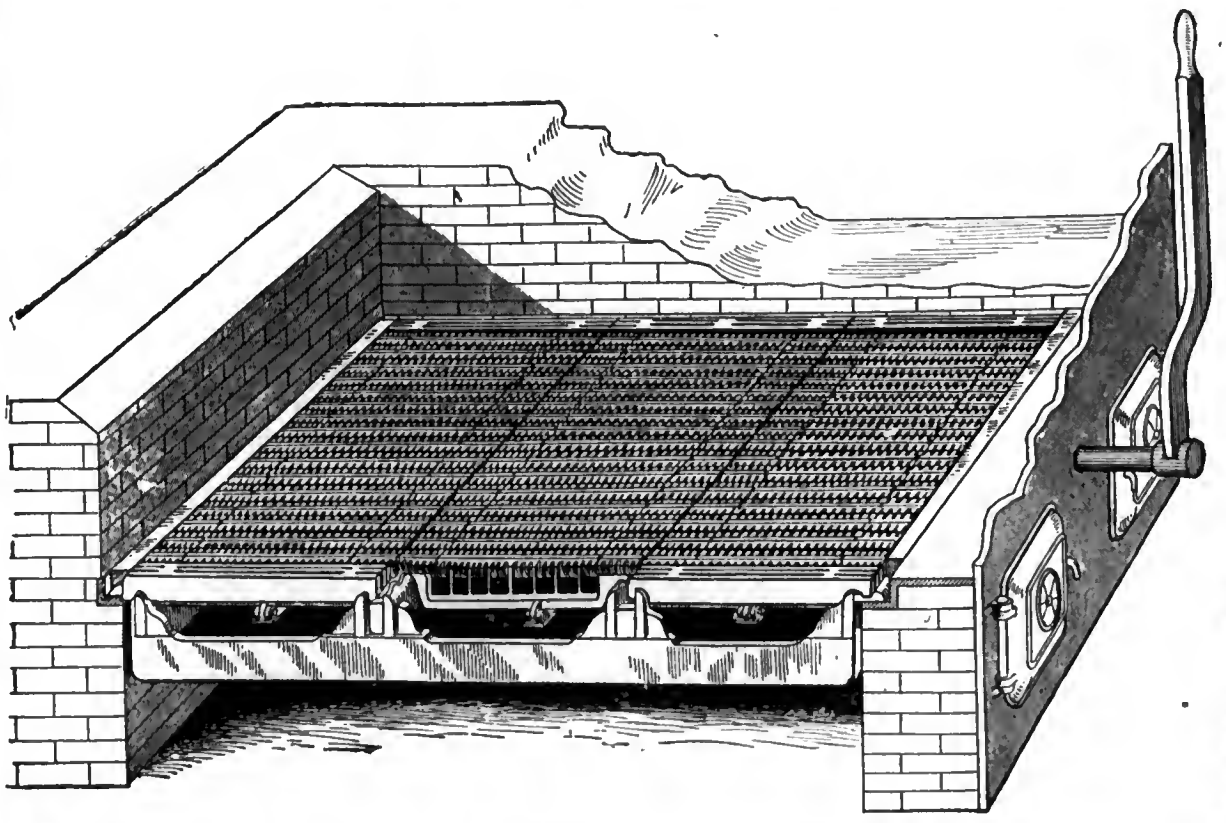
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The Martin Rocking Grate

SAVES COAL—SAVES TROUBLE—SAVES REPAIRS



Will burn less coal per pound of steam,

Will waste less coal in the ash pit,

Will burn more different grades and sorts of coal--more economically and

Will last longer than any other grate made.

IS THIS WHAT YOU WANT?

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This cut shows the inside view of the **DIETSCH PATENT SHORT-ROOF CONSTRUCTION.**

LOUISIANA CYPRESS ..... **GREENHOUSE MATERIAL** ..... WASHINGTON RED CEDAR

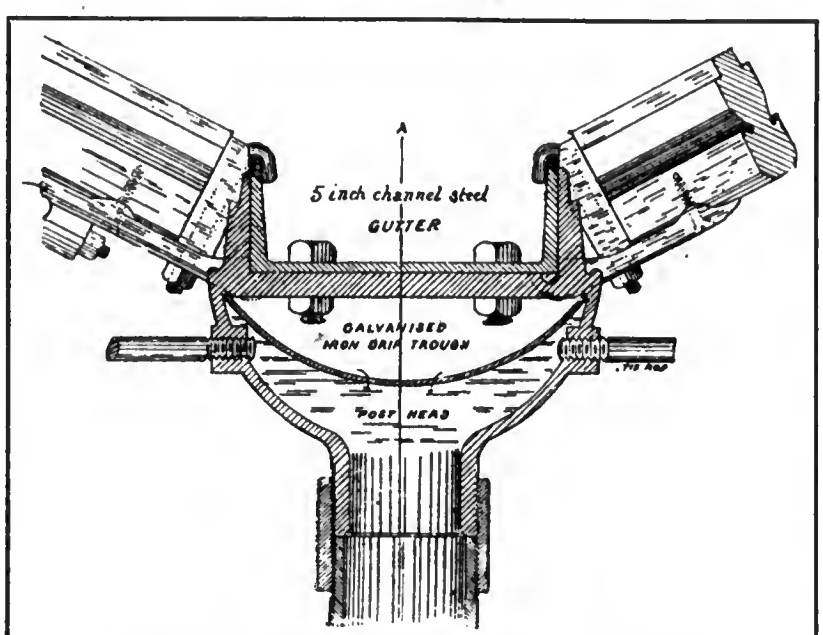
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QUALITY IS THE FIRST CONSIDERATION in all our material, but those who have not had our quotations will be pleased to know how reasonable our prices are. We make all styles of houses, including the Patent Dietsch Short-Roof Construction, and the large number of our satisfied customers, also in the Eastern States, is the best proof to us that the trade recognizes the excellence of our goods.

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SELLING AGENTS FOR THE WITTBOLD WATERING SYSTEM.

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and TORONTO, ONT.**

Gutters and Gutter Eaves

Drip proof, obstruct less light than any other, lower ends of bars perfectly drained, no screws in end grain of wood, no special cuts on sash bars, width of glass can be anything desired as sash bar brackets clamp anywhere on gutter, suited to any kind of house, easy to erect and not expensive. 20,000 FEET SOLD THIS SEASON.

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Lighter, stiffer, cheaper than posts and gives clear working space.

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Our lifters, with brass spring connectors, give each window individual attention.

INCREASED MANUFACTURING FACILITIES

WE HAVE JUST DOUBLED OUR CAPACITY FOR TURNING OUT GUTTERS AND CAN NOW HANDLE ORDERS VERY PROMPTLY

WRITE FOR PRICES AND PARTICULARS.

FOR SEVERE COLD.

I have a greenhouse 18x60 feet, fairly well built, which I wish to pipe with 1¼-inch pipe to heat with steam to grow general stock where it frequently gets as cold as 36 degrees below zero outdoors. How should it be done and how large a boiler will I need?

H. F. C.

To properly heat your house 18x60 to maintain a temperature of 70 degrees during severe weather it will require a 2-inch flow pipe running from the boiler under the ridge to the most distant end of the house and there dividing by three 2-inch pipes to supply three manifolds arranged under the benches, each coil or manifold carrying five 1¼-inch pipes, or fifteen pipes in all, the length of the house. It will be well to place valves at each end of several of these pipes, so that they may be thrown out of commission during mild weather and used only during severe spells. Such a plant will carry about 400 feet of radiation, and to supply this a boiler with seventy-five or eighty feet of heating surface will be required. A seven or eight-horse-power upright or a ten-horse-power return tubular boiler will be large enough.

L. C. C.

La Crosse, Wis.—The Oak Grove Cemetery Association is preparing to build two new greenhouses 22x100.

Dayton, O.—Harry Treadway, who started in the business last spring with a field of asters and dahlias for cut flowers, is putting up a greenhouse with Foley material.

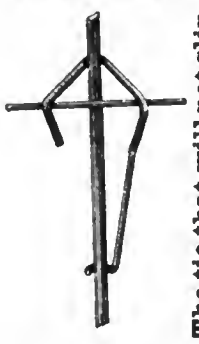


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made of heavy tinned spring wire especially made for the purpose.

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The Wabash is selling one-way tickets from Chicago to Niagara Falls, Buffalo, Montreal, New York, Boston and many other Eastern cities at extremely low rates.

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Prices Reasonable

Quick Service is assured in filling all orders.

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CEDAR POSTS IRON FITTINGS BENCH MATERIAL

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known Steam and Hot Water Heaters, and the largest stock and varieties to select from, send for catalogue, which is complete. There may be others, but the genuine **BOYNTON HEATERS are sure to be right.**

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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.

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It has no equal for simplicity or its working. Catalogue free.

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50 per cent. SAVED in your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

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Internally fired, easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel.** No boilers on the market so readily and easily cleaned. Let us hear from you today. All sizes in stock.

Send for catalog.

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Don't Fail

To write to the

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For estimates on

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FLORENCE HEATERS



Your brother florist is buying or using a Florence Steam or Water Heater because he has thoroughly investigated it and is satisfied it is the best.

Use it with the cheaper grades of soft coal and save your money.

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Send your order for **BULL DOG,** 16c 7-ply per foot.

Fully guaranteed, to

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It may be its purity, or tested proportions, or even a matter of 50 years' experience!

In any case this is **YOUR** kind of putty!

BURNHAM HITCHINGS PIERSON CO.

Horticultural Architects and Builders
ST. JAMES BUILDING
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No Order Too Small to Receive Our Careful Attention.

WRITE US FOR PRICES BEFORE PLACING YOUR ORDERS

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Kroeschell Bros. Co.

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Greenhouse Boiler,
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Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around, front, sides and back. Write for information.

Queen Beatrice

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We manufacture and erect Iron Frame Greenhouses for every purpose, for private and commercial use.

We also manufacture and supply every Greenhouse Structural Requisite, such as Cypress, Sash Bar Material, Ventilation Machinery, Hotbed Sash and Frames, Fittings, Valves and Boilers for Greenhouse Heating.

SKETCHES AND ESTIMATES FURNISHED

For Complete Structures or for Material Ready to Erect.

WRITE US TODAY.

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JOBBERS AND MANUFACTURERS OF **WINDOW GLASS.**

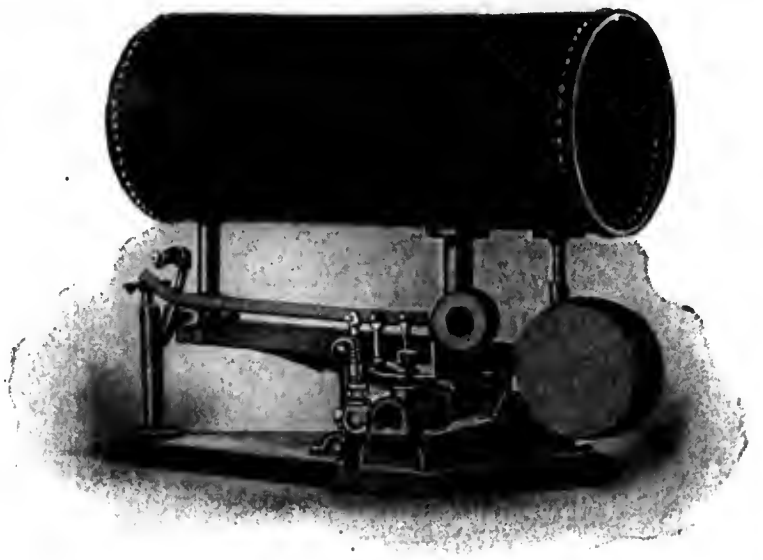
GREENHOUSE GLASS a Specialty.

205 RANDOLPH STREET, CHICAGO, ILL.

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ALL THESE PEOPLE USE

The Morehead Trap



RETURNING CONDENSATION

(Reprinted from the Florists' Review, March 9, 1905.)

I notice an article in the REVIEW of February 9, headed "Returning Condensation," in which it is apparent that the writer is surprised that high pressure and an automatic pump are not recommended to those who want the best system. I am surprised, after my experience with this system of heating, that anyone having experience should recommend it.

I first built two houses, each 150 feet long, and put the boiler down in a pit twelve feet deep, on a system recommended to me, the gravity system. I found that one-third of the pipes were always cold. The steam condensed in the pipes and water accumulated. The steam in the boiler prevented the water from returning until a large quantity accumulated, so that the weight of the water was heavy enough to overcome the steam pressure.

Then I changed from this system to a trap system. This was twenty years ago. That trap was so complicated that it was constantly out of order and I had frequently to get up in the night to repair it. The parts were so small that any little dirt that got in would clog it. From this I changed to the pump system. At that time the automatic receiver on the pump was not yet in existence. I got one of the best steamfitters to make for me a receiver, put a float in and attached the pump. The receiver he made was 3x6 feet, holding five or six barrels of water, so I was pumping cold water back into the boilers. This was not satisfactory and I was on the lookout for something else.

I found a trap that was guaranteed to be satisfactory. I have used this for the last five years and would not be without it. It has worked for six months at a time without any attention. We return to the boiler without any pump, and without any air cocks; the trap takes care of the whole thing. We use what some would call high pressure, but it is only from twenty to thirty pounds. With this pressure we have every pipe in the house of equal heat, the returns being as hot as the flow, 900 feet from the boiler.

We use twelve 1-inch pipes in a house 28x300, all flows, and eight 1-inch pipes in a 20-foot house. Each pipe is controlled by a valve. We can use all flows, one or twelve. We heat from the center of a 300-foot house, the pipes running each way, returns across each end returning to the boiler, these returns across the ends being the only returns. A check valve is used at the end of every 1-inch pipe before it enters the return, so that we do not have to open and close valves in the returns; all we have to do is to open and close the valve in the center walk.

Some claim that high pressure will not grow good flowers, but we find we can grow as good stock in one end of the house as in the other, and we do not find one end cold and another hot. With low pressure the farther ends of the pipes are always colder than the flows, or those near the boiler, while with high pressure the water comes back to the boiler at nearly boiling heat, requiring but little fire to convert it into steam again. With the trap system you do not have the expense of running a pump and keeping it in repair. Further, we do not require a boiler pit, as the boiler will work just as well on top of the ground as in a cellar.

"The proof of the pudding is in the eating." The following well known firms, some of the largest in the country, have tried all systems and are now using the traps. Our concern has 250,000 feet of glass, but the system will work just as well on a small plant if no more than 1,000 feet of glass. Peter Reinberg changed from pumps to traps and was pleased. Bassett & Washburn have let a contract for a new place, all traps. Breitmeyer's Sons, at Mount Clemens, were twenty-five feet below the surface with their boilers but have changed to traps. The J. D. Thompson Co., Joliet, put in a pump system at large expense, used it two years and changed to this system and would not change back under any consideration. Around Cleveland nearly all the florists are using traps.

This article is not written to advertise any trap. It is simply to help any one and every one to get the best system without a lot of expensive experiments.

J. M. GASSER.

American Blower Co.

DETROIT, MICH.

1550 Marquette Bldg., CHICAGO SEND FOR CATALOGUE. 141 Broadway, NEW YORK

That Little Matter Of Ventilation

has caused us no end of worries, but you can't find us lame on a single point now, from the self-oiling feature to the shifting with perfect ease on the long ranges!

No complicated triple action devises; just plain common sense put into cold iron and steel!

If you want any more than that, it is paying for something to TALK ABOUT!

An illustrated Catalog for the asking!

Burnham Hitchings Pierson Co.

Corner 26th St. and Broadway,

NEW YORK

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XVI. CHICAGO AND NEW YORK, AUGUST 24, 1905. No. 404.

SWEET PEAS

for Xmas Flowering--Sow Now.

CHRISTMAS (true). The earliest pink for flowering under glass. Per oz., 15c; per lb., 60c.

WHITE CHRISTMAS (true). A companion to pink Christmas. The earliest white in cultivation. Per oz., 20c; per lb., 75c.

"MAJESTY" MIGNONETTE

The finest of all fancy Mignonettes for indoor winter flowering. It is a vast improvement over New York Market and Allen's Defiance, and is saved from selected spikes of flowers only, under glass. Half trade pkt., 1000 seeds, 60c; 2000 seeds, $1.00.

Arthur T. Boddington,
SEEDSMAN
342 West 14th St., NEW YORK.

LILIUM LONGIFLORUM

Cold storage, for your summer forcing, size 7x9, $50.00 per 1000 or $13.50 per case (250 to a case).

Either F. O. B. Buffalo or New York.

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383-387 Ellicott St. BUFFALO, N. Y.

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Field-Grown Carnations

Size of Plants.	Per 100	Per 1000
FIANCEE, medium	$15.00	$125.00
CARDINAL, "	12.00	100.00
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MOONLIGHT, "	6.00	50.00
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LAST PROPAGATION OF

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Splendid short stock, nicely established, just what you want for filling pans for Xmas, $5.00 per 100; $40.00 per 1000.

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THE W. W. BARNARD CO.
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W. W. BARNARD & CO.
Seeds, Bulbs, Florists' Supplies
Onion Sets, Green and Holly, Etc.

And also the business of

THE GOODWIN-HARRIES CO.
Wholesale Growers of Peas, Beans, Corn, Etc.
Importers & Jobbers of Garden & Field Seeds

Largely increased facilities in all departments.

U KNOW US! WATCH US GROW!

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Which we offer at special low prices in case lots.

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Order now and make sure to have them early.

DELIVERY NOW.

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CYRTOMIUM FALCATUM,
PTERIS SERRULATA,
PTERIS SERRULATA, fol. var.
PTERIS SERRULATA, comp. nana
PTERIS GILBERTI,
PTERIS CRETICA ALBO-LINEATA
PTERIS SIEBOLDII

Price, $2 per flat of 110 clumps. $21.50 per doz. flats; $175 per 100 flats. F. O. B. New York depot.

Prices on all summer and fall plants and bulbs cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

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H. R. Crawbuck **E. W. Wiles**

CRAWBUCK & WILES



Wholesale Dealers in
Wild Smilax, Galax
Palm Leaves
Leucothoe Sprays
Fancy and Dagger Ferns



370 Pearl St., Brooklyn, N. Y.

PERFECT SHIPPING FACILITIES FOR OUT-OF-TOWN ORDERS.

EVERY VARIETY OF "GREEN GOODS"

Order all you need. We never disappoint.

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H. Bayersdorfer & Co.

FLORISTS' SUPPLIES,

See our Special Advertisement on Page 769.

50 to 56 N. 4th St., PHILADELPHIA.

Always mention the Florists' Review when writing advertisers.

FANCY OR DAGGER FERNS **No. 1 STOCK,** only 50c per 1000

GALAX, Brilliant bronze or green, 75c per 1000.



Use our laurel festooning for your Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application, we make it daily, gathered fresh from the woods. Hand made, full sizes 4c, 5c and 6c per yard. Once used, always used. Branch Laurel, 35c per large bundle. Princess Pine by the pound or made into festooning when desired.

CROWL FERN CO., -- MILLINGTON, MASS.

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JOS. G. NEIDINGER,

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Wax Flowers, Wax Flower Designs,
WHEAT SHEAVES,
Wicker Pot Covers, Plant Stands.

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Importers and Manufacturers of

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76-78 Wabash Ave., CHICAGO.

Write for supplement to catalogue F, it will interest you.

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Galax Leaves and all Decorative Greens
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

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Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

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In August 17
CONVENTION NUMBER.

Send for our NEW list. It will save you money.

H. H. BERGER & CO.,
47 Barclay Street, NEW YORK.

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ATTENTION !!! FLORISTS

For Wax Flowers, Baskets, Wax Floral Designs, Wheat Sheaves, etc., send to

J. STERN & CO.

1928 GERMANTOWN AVENUE,

Send for our beautiful catalogue. **Philadelphia.**

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Factory, 709 First Ave., bet. 40th and 41st Sts.
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Bulbs, Plants.

Valley our Specialty **Cold Storage Pips Always on Hand.**

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SOCIETY OF AMERICAN FLORISTS.

Close of Washington Convention.

After the well attended and highly appreciated illustrated lecture by Oglesby Paul, of Philadelphia, on Thursday evening, August 17, the closing session of the twenty-first annual convention was held. As briefly stated in the REVIEW of last week, Mr. Craig, for the special committee, recommended that the society, through its officers and board of directors, proceed to hold at Boston, in March, 1906, a great and all embracing three-days' horticultural exhibition, provided a guarantee fund of $10,000 is raised at once. The committee reported $2,000 subscribed up to the time of the report and in a few moments another $1,000 was added, E. A. Moseley, secretary of the Interstate Commerce Commission being one of those who asked to be put down for $100. The report of the committee was adopted and the work of raising the guarantee will be pushed at once, the idea being to get as many interested as possible by not permitting anyone to subscribe more than $100. After the successful outcome at the World's Fair flower show at St. Louis there will be no trouble about a guarantee fund.

The newly elected president was escorted to the platform and, after thanking the society for the honor it had done him, pledged that the best that is in him shall be expended for the society during the coming year. He asked the advice and counsel of the old heads and told the young men and the ladies that he should look to them for a banner attendance at Dayton in 1906, the selection of which city as a meeting place he said met with his hearty approval.

Vice-President-elect Altick, Secretary Stewart and Treasurer Beatty each were introduced and spoke briefly.

On motion it was required that each state vice-president appointed by the state delegations give an acceptance prior to January 1, 1906, or the incoming president be required to make another appointment.

On behalf of the committee on sports J. D. Carmody presented the bowling trophies to the winners, beginning with the Beatty and Kasting cups and other additions to the Philadelphia collection and ending with the nineteen ladies who secured prizes. It took about an hour to get through the list, the time being enlivened by the brand of humor peculiar to the gentleman from Posey county.

The committee on final resolutions thanked the people of Washington and the members of the Florists' Club for their unbounded hospitality, thanked the gentlemen and lady who had addressed the convention, specially thanked Messrs. Freeman and Cooke for their good work, thanked the government officials who had helped to make the week a pleasant one, thanked the Baltimore Florists' Club for its invitation for the next day, and for the visiting ladies thanked Mrs. Freeman and the Florists' Club for the special provisions for their entertainment.

President Vaughan thanked the society for its support and the consideration shown him by every member during the convention, and adjournment was then taken.

Death of Mr. Dake.

One of the sad events of the Washington convention was the sudden death of one of the exhibitors, Mr. Dake, a salesman for Brown Bros. Co., Rochester, who was present to push the sale of the Baby Rambler rose. While in the exhibition hall on Thursday evening he fainted and was taken to a hospital in an ambulance. He died within the hour and without regaining consciousness. His firm and his family were notified by Mr. Gude and a son arrived on Friday evening to take the body home. Mr. Dake was about 50 years of age. He was not known to many, this having been his first convention.

Friday's Features.

At nine o'clock Friday morning the society was entertained on the ellipse at the White House by a drill by the U. S. Engineer Corps, the courtesy being an exceptional one, for it was stated that not for twenty years has a review taken place on these grounds. After this exhibition most of those present repaired to the steps of the Treasury building, where a group photograph was taken. Many then visited other points of interest, especially the Department of Agriculture, where many very interesting things are to be seen, and at one o'clock a considerable number went to Baltimore.

CONVENTION JOTTINGS.

Washington weather has been maligned. The S. A. F. never had a more enjoyable week. Tuesday was hot—very hot some thought—but the next three days could not have been improved upon if made to order. It was comfortable in the daytime and so cool at night that wraps were almost a necessity.

One man was heard to complain, just as the ladies were starting on their trolley ride that he wasn't having a bit of fun; that the entertaining was all for the ladies (which was far from true) and that he was going to go on that trolley excursion at all hazards as there was nothing else to do. He was reminded that as a last resort he might attend the important business session just opening, but the only answer was a dash for the car. As a matter of fact, Washington offered too many diversions for the good of the business sessions.

The trade exhibitors made the complaint that, although they were this year permitted to keep the exhibition open during business sessions, they did not take so many orders as usual, as they did not see so many people. Of course the splitting-up of the show into three halls was a detriment, especially to those in the Masonic Temple, but the great factor was the desire of most of the visitors to see the city. Over 500 members registered, but only 292 voted at the election of officers.

One of the pleasant memories of the first Washington convention, in 1892, was the session at J. A. Freeman's store, after final adjournment, so when word was passed that a "melon would be cut" there on Thursday night, it brought a full house, men only. Along toward break of day angry female voices disturbed the quiet of many a hotel. Some guests wondered what it meant, but the wise ones only smiled.

When Treasurer Beatty was introduced with the new officers he received an ovation. Had he not endeavored to withdraw his name after the ballots had been printed he would certainly have received more votes for the presidency, for there is no more popular member.

However fully one may approve, so far as this case is concerned, the action of the convention in the matter of the election of a treasurer, it seemed to many an unwise precedent to establish. The ruling of the chair that a new election be proceeded with was a correct one and, although successfully appealed from in this case, will have to be sustained upon some future occasion, unless the constitution is amended, for the day will come when other candidates will fail of a majority of all votes cast.

LADIES' BOWLING.

The arrangements for the ladies' bowling was, like those for the men, all that could be asked for, the ladies' games taking place on the Y. M. C. A. alleys, August 17, where luncheon was served. Chicago, as at St. Louis, won first place, Mrs. Walter Kreitling having 275 to 274 for Mrs. F. M. Ellis, of St. Louis. The complete score follows:

	1st	2d	T'l
Mrs. Kreitling, Chicago	117	158	275
Mrs. Ellis, St. Louis	147	127	274
Mrs. Asmus, Chicago	102	141	243
Mrs. Winterson, Chicago	128	111	239
Mrs. Shaffer, Washington	107	128	235
Mrs. Meinhardt, St. Louis	118	107	225
Mrs. Hauswirth, Chicago	97	125	222
Mrs. McCauley, Washington	98	101	199
Miss Cooke, Washington	111	85	196
Mrs. Weber, St. Louis	85	95	180
Mrs. Blackistone, Washington	86	93	179
Mrs. Steidle, St. Louis	76	97	173
Mrs. Graff, Philadelphia	71	95	166
Mrs. McRichmond, Washington	74	82	156
Mrs. Gude, Washington	74	76	150
Mrs. Kunzman, Louisville	73	77	150
Mrs. Phillips, Washington	74	68	142
Mrs. Herr, Lancaster	66	74	140
Miss L. Beatty, Pittsburg	55	79	134
Miss Weber, St. Louis	73	59	132
Mrs. Rasmussen, New Albany, Ind.	85	41	126
Mrs. Powell, New York	40	80	120
Mrs. Krueger, Washington	65	49	114
Mrs. McLennan, Brooklyn	74	35	109
Miss Fulmer, Des Moines	44	57	101
Miss M. Beatty, Pittsburg	41	58	99
Mrs. Smith, Philadelphia	52	37	89
Mrs. Lank, Philadelphia	42	38	80
Mrs. Oehmler, Washington	34	32	66

SHOOTING TOURNAMENT.

The annual shooting tournament, under the management of Z. D. Blackistone, resulted in a victory for the Philadelphia team against the Washington florists, with a score of ninety-eight targets out of 125.

The winning team was composed of Capt. Anderson, Messrs. Edward Reid, William K. Harris, John Burton and Charles D. Ball. A beautiful silver loving cup, donated by Henry A. Dreer was the winning trophy. The Washington team was also awarded a silver trophy, donated by S. Desio, of Washington.

The championship contest resulted in a tie between Capt. Anderson, of Philadelphia, and Mr. Brown, of Richmond. Out of a possible fifty targets each made forty-five. Mr. Brown gracefully declined the trophy, a silver water pitcher, donated by H. B. Beatty, in favor of Capt. Anderson. A silver loving cup was presented to Mr. Brown.



A Part of the Exhibit of M. Rice & Co. at the Washington Convention, August 15 to 18, 1905.

The newly elected vice-president of the society, H. M. Altick, of Dayton, Ohio, won the third prize, a suit case.

The third event, a consolation contest open to all who had not won a prize, resulted in favor of L. B. Burdette, who after tieing with Frank Bailey, of Washington, captured the first. Z. D. Blackistone secured third place, and Messrs. Smith, of Philadelphia, Scott, of Buffalo, and Siebold, of Baltimore, each carried off a trophy. At the conclusion of the scheduled shooting a match shoot was held between the visiting teams and the Analostan Gun Club. The florists won.

Refreshments were served in the shade of the oaks skirting the range and Col. E. B. Hay made the presentation speeches.

A FEW IMPRESSIONS.

The twenty-first convention is past and now a memory. We anticipated great pleasure and were not disappointed. The bugaboo about heat was simply imagination except Tuesday being a little sultry. The remainder of the week was as cool and enjoyable as Portsmouth, N. H., perhaps more so. We scarcely think the attendance was equal to many previous conventions, certainly not the Washington convention of '92. The hall for the meeting place was of appropriate size. The president's address was crisp, practical and just the right length. As time rolls on subjects for papers of interest get scarce, in fact it must be a subject of vital interest and finely delivered to keep the audience in their chairs, and the time is not far distant when papers and essays will be ordered printed and the reading of them at the convention dispensed with. The papers on the "Ideal Employer" were well worth listening to and will read still better, all three able, and it is most gratifying to his host of friends that Mr. Skidelsky should win the first prize. It is only what we expected from this brainy man.

There was nothing of great importance came before the convention until E. G. Hill sprung the spring meeting and exhibition. This will mark an epoch in the history of the society. It is not a new idea. We have heard it discussed years ago, yet it never before found such suitable expression. We do not think that the society can have two popular meetings in the year and the August meeting will always be the popular outing. Yet the great exhibition, and great it ought to be, will bring together all the real standards of the business, young and old. We can see nothing to prevent an immense attendance of the public. A national horticultural exhibition is something the country has never seen. Our big fairs have pretended to hold great exhibitions, but they have been fizzles. Now here will be an opportunity to see the best products of the best gardeners of the country and it is in the hands of our leading men "with power to add."

Personally we are glad the convention is going to Dayton, O. We believe a small city is better for the health of the society than a large one, fewer outside attractions to scatter the crowd.

There promised to be a great contest over the presidency, but it flattened out and W. F. Kasting had almost a walkover. Mr. Kasting may not be as old in years as many of us, but he began very young to display tact, energy and enterprise and I know will put all the energy into the affairs of the society that he has into his own business, and that has been remarkable, and the next year of the society will find all its officers with plenty of work for their best ability and work. Mr. Altick is, of course, just cut out for his duties at Dayton. Through the unadvised good wishes of some friends of Mr. Beatty, we came very nearly losing the services of that gentleman for our treasurer, but all's well that ends well and his successor is not yet elected and we hope that Mr. Beatty will fill that office for years to come. It seems difficult to select any man who can fill the very important office of secretary, in the opinion of the very great majority, equal to Wm. J. Stewart and we think it a cause for congratulation that Mr. Stewart holds over in the coming important events of 1906.

Socially we had a fine time. That lawn affair on Tuesday night was beautiful and a president's reception within four walls will hereafter appear very tame compared to the fairy-like grounds. The music and refreshments suited all appetites. It was well conceived and splendidly carried out.

Never have the bowling enthusiasts had such spacious, cool and pleasant surroundings. From 1 p. m. Wednesday to the "wee sma' hours" of Thursday it was one long roll and anyone not knowing the location of the hall would be in no doubt if they once got within three squares of it, for the noises that floated out of the windows could only come from the lungs of the Chicago bowlers. We think the committee on sports did well to spread out the prizes to the greatest number both in bowling and shooting. Make as many individuals happy as you can. Philadelphia won out. It would have been a rare joke and greatly enjoyed if Washington had overcome that small margin.

A delightful, cool spot among the woods was chosen for the shooting and Mr. Blackistone ran off the events without a hitch. This shooting may be enjoyed by much fewer than the bowling, but it is rare sport for those who can handle a gun. It is much more scientific than bowling. It requires a cool, keen eye, an iron nerve and a get-there determination. We glory in the splendid shots that Philadelphia has. If it were not for them there possibly would be no shooting, but let a team from Philadelphia be matched against a team from the whole United States and then there may be some excitement. After suitable thanks were given to Mr. Blackistone and the shooting committee, Col. Hay, of Washington, was introduced to present the prizes. Now here was the oratorical gem of the whole meeting. Never have we heard more beautiful sentiments associated with our business nor more exquisite jokes connected with the prizes and shooting. Stenographi-

cally reported his remarks would be a jewel. The colonel should be annexed to the society in some form.

It appeared to us that the trade exhibit was equal in quantity and quality to any that has gone before and in splendid collections of plants perhaps superior, but unfortunately divided into three different halls and I am afraid some of them were missed.

Washington is such a grand and beautiful city no citizen of this wide country can afford to miss it. It seems to me that in a few years our people of fashion and wealth will all want to winter there. It may never catch up in population with half a dozen of the large cities, but for clean streets, splendid residences, majestic public buildings, beautiful parks it has no equal. There is only one Washington.

We only learn by hearsay, but on the best authority, that the trip to Baltimore as guests of the florists of that city, the ride around the parks, and more particularly the trip down the bay and the presentation to retiring President Vaughan, was the intellectual treat of the convention. Robert Craig's presentation speech and Mr. Freeman's remembrance to Mrs. Vaughan were nicely done. Judge Sands was brilliant, as he can be whenever he chooses, but the man wound up for the occasion was E. G. Hill, the Hoosier. A close friend of the latter said "Gurney was glorious." Mr. Hill is so full of hard common sense and serious business that you do not look for much Chauncey Depewism, but when he breaks loose, look out. We could not be there and visit Mt. Vernon. We got a cherry stone from the latter place from the tree that George didn't cut down. We should have got an intellectual treat and the finest soft shell at Baltimore.

J. Nicholas Lucifer Carmody made a fine sergeant-at-arms. His appearance inspired awe and obedience and it was a fine sight to see him capering in front of those ten maids and matrons on the stage.

Wm. F. Gude was on tap always on the right moment. His fine appearance and splendid voice has a powerful influence whenever he exerts it.

F. H. Kramer never sleeps, never eats, never ———, but is willing to keep it going as long as anyone will stay. He is a dandy, and all that the Washington boys were looking for was an opportunity to please the visitors.

That informal farewell in Joe Freeman's store was very happy and the way Joseph went through the cakewalk and several entirely new movements was much enjoyed. It was there in a thirty second duel of the Highland fling with the versatile Mr. Curran, of Elmira, that we fully realized how much we had become a "has been."

No one worked harder or with less bluster than W. H. Ernest, the chairman of the bowling, a right good fellow, and it went off without a hitch.

In conclusion we think few conventions will be remembered with greater pleasure. Some may look for more serious business, and some do not care for that end of it and look for simply a good time. We think the two elements are about happily blended and if you will notice the proceedings of other conventions you will observe that ours devotes much more than the average to the real business for which we convene.

Let us have a great and glorious floral exhibition in the spring of 1906 and we shall soon become nationally famous. Gardening was the calling of our first parents. It should be the highest achievement of ideal man.

William Scott.

THE JOINT COMMITTEE.

The joint committee of the S. A. F., Seed Trade and Nurserymen's Associations held a meeting at the New Willard Hotel, Washington, August 18. Harlan P. Kelsey, Boston, and T. B. Meehan, Germantown, Pa., appointed by the American Association of Nurserymen; F. W. Bolgiano, Washington, D. C., and Chas. N. Page, Des Moines, Ia., appointed by the American Seed Trade Association; F. R. Pierson, Tarrytown, and J. A. Valentine, Denver, appointed by the Society of American Florists were present. The following persons were also duly accredited as members of the joint committee: C. L. Watrous, Des Moines, Ia., from the Nurserymen's Association; Geo. S. Green, Chicago, from the Seed Trade Association, and Benj. Hammond, Fishkill-on-Hudson, from the florists, but they were not present.

The committee was organized by electing F. R. Pierson, chairman, and Chas. N. Page, secretary. After considerable discussion it was decided to co-operate on the following subjects, and such other matters of mutual interest as may be brought up for action or consideration from time to time:

Unite in striving to secure legislation which shall be favorable to one or more of the allied associations of seedsmen, nurserymen and florists.

Work for the defeat of legislation which would prove unfavorable to either association.

Try and secure favorable rulings in the custom house regarding imports of seeds, plants, bulbs, trees and horticultural merchandise and supplies.

Should Congress revise present tariff classification and import duties, to strive to ascertain what changes, if any, are desired by the trade at large and work for their adoption.

Secure as favorable classification and rates as



Display of H. H. Berger & Co., New York, at the Washington Convention, August 15 to 18, 1905.



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are possible on all classes of freight and express matter.

To strive to do away with the government seed distribution by congressmen.

To secure the postal rate of $8.00 per 100 pounds on catalogues, pamphlets and other printed matter weighing two ounces each, or more, without affixing stamps.

To secure a convenient parcels' post system, both domestic and foreign.

We deprecate the giving of commissions to gardeners or others who have charge of making purchases for public institutions or at large private places, and believe that some plan should be devised to do away with this practice.

It was moved that a special committee, composed of one member from each organization be appointed by the chairman to consider the subject of graft or commissions paid to the agent of buyers and the chair appointed Messrs. Kelsey, Hammond and Page. On motion a committee, consisting of Messrs. Page, Pierson and Watrous was appointed on postal legislation. A committee on transportation was also appointed, consisting of Messrs. Meehan, Green and Pierson.

A resolution was presented, setting forth that it is the sense of the joint committee that each association should, as far as possible, appoint each year the chairmen of the three committees which are most concerned in subjects of mutual interests as members of this joint committee.

THE IDEAL EMPLOYER.

By S. S. Skidelsky, of Philadelphia.

[Awarded first prize in the convention contest for the Beatty prizes for best essays on this subject.]

Our worthy president, Mr. Vaughan, in his very able and thoughtful paper on the ideal employee, which he delivered before the Society of American Florists and Ornamental Horticulturists, at St. Louis, dwells with remarkable clearness upon those qualities which, in his opinion, constitute the chief requirements of an ideal employee. Like all successful business men, employers of labor, he seems to have a pretty clear and accurate idea of the kind of men that contribute largely toward the success of a business enterprise.

Men of the Garcia messenger type, knowing no fear, despising difficulties and defying all hardships, having but one aim and object in view—and that the achievement of success for their employer—such men, I say, are indeed ideal in the broadest sense of the word.

Granted, then, that such men are a blessing and are well worthy of their hire, the question naturally arises who is responsible for such unselfish devotion on the part of the employee.

In viewing the ideal employee, one must be sure to take a simultaneous glance at the employer himself. And this brings me to the question I have undertaken to answer, namely, What is an ideal employer?

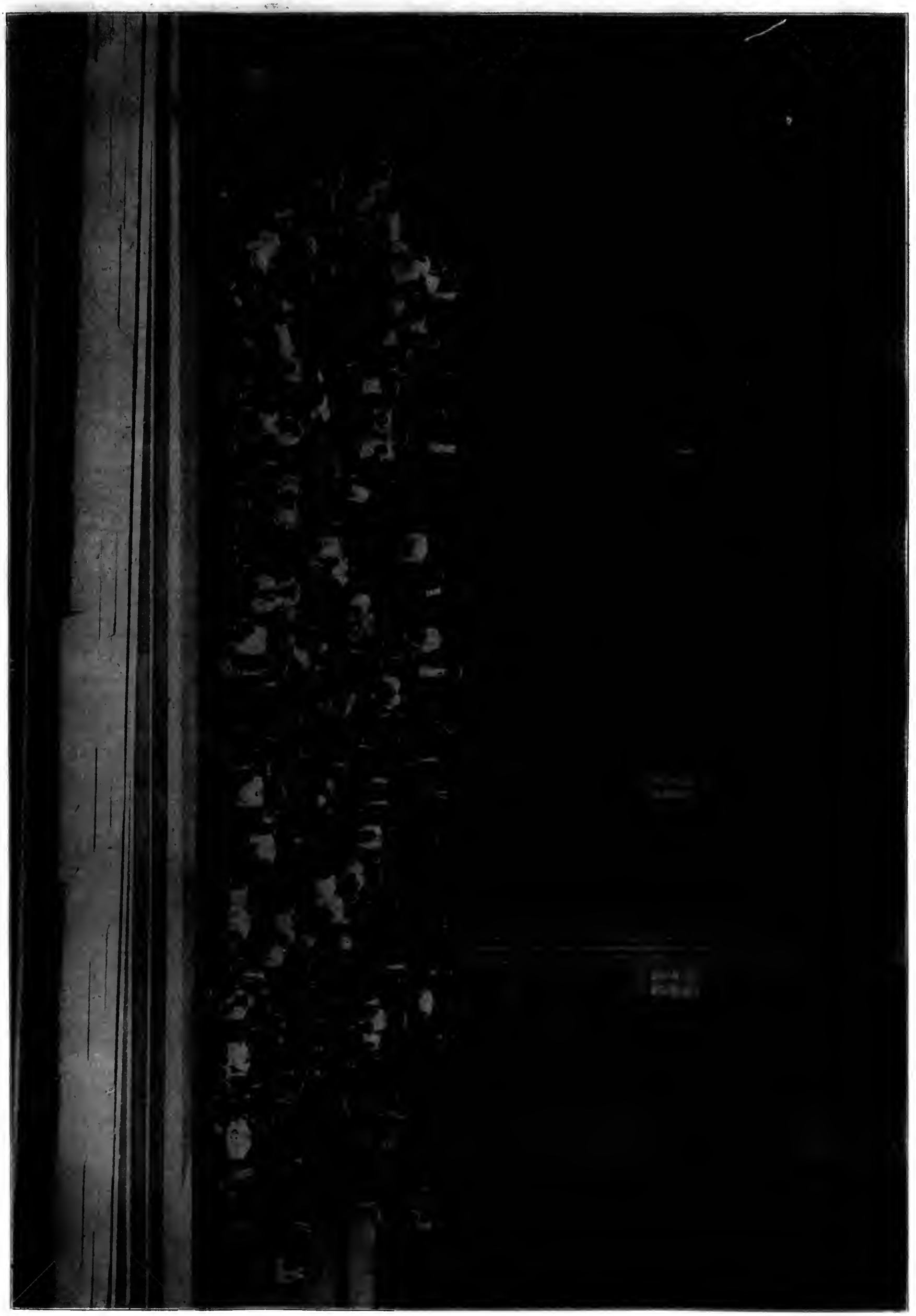
Briefly stated, the ideal employer is a man of a broad turn of mind, of broad views, by nature an optimist, a man of lofty aims and aspirations, one incapable of a mean, selfish deed, whose domestic life is pure and chaste, who, in his relations to his fellowmen, is governed not by pelf but by that divine rule which prescribes "Love thy neighbor as thyself." The ideal employer is a man, who, aside from his business training, has imbibed those moral truths but for which our world would be desolate and dreary, a man who, like the late Geo. W. Childs, lives for the welfare of his fellowmen. When the Typographical Union of Philadelphia sent a delegation to Mr. Childs instructing it to impress upon that good man the needlessness of paying his employees more than their union schedule required, the worthy gentleman replied that his men earned all he gave them, that he did not intend to reduce the payroll, scale or no scale. Such men are indeed ideal employers, and it is with such men that the ideal employee is to be found. "Like master, like man," is a truth that no sophistry can shake.

Having defined in a general way the qualities to be sought in the ideal employee, I will now attempt, by way of contrast, to present a picture of the real employer. Far be it, however, from my intention to reflect upon the honesty and integrity of the gentlemen present, most of whom, I take it for granted, are employers.

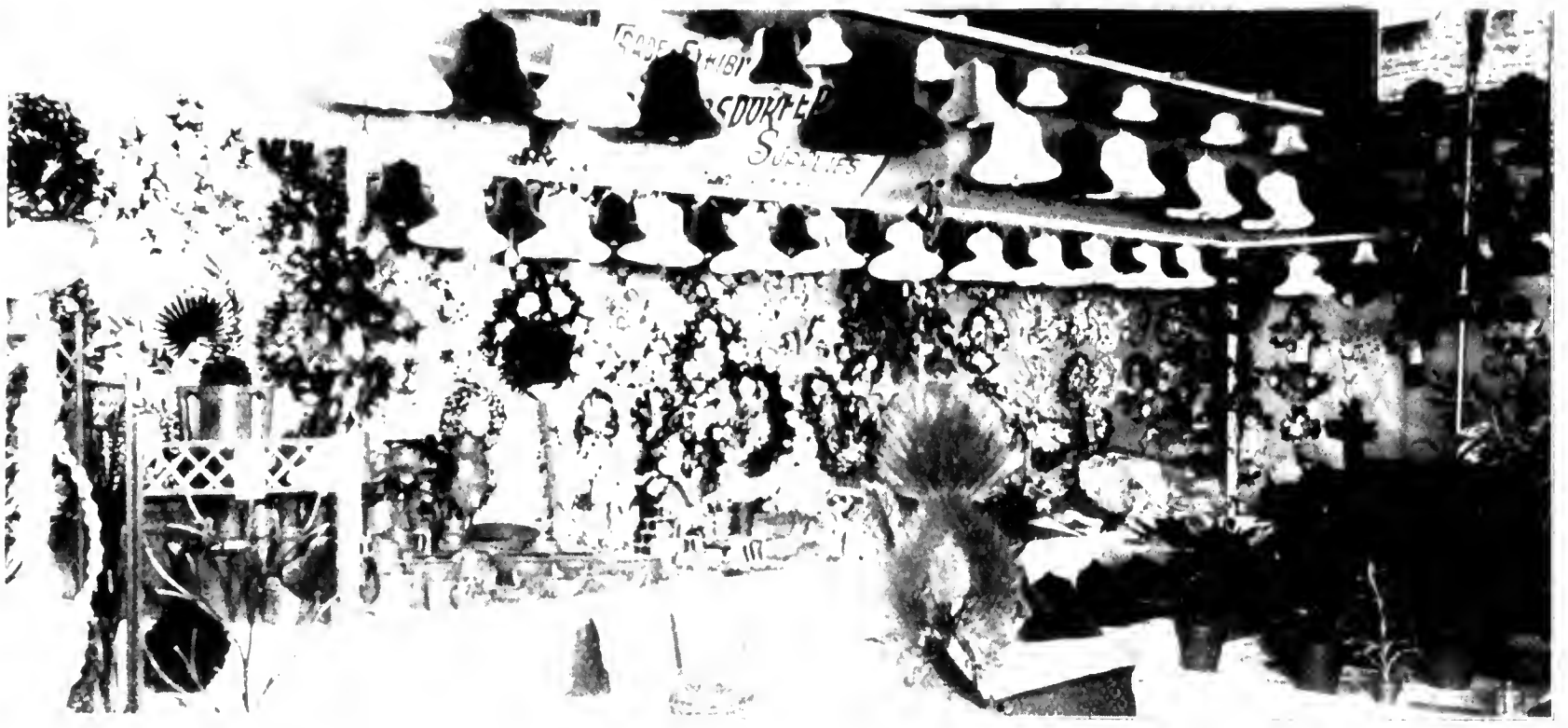
The truth, however, requires me to take a pessimistic view of the aims and notions that govern some of our employers in their relations to their men. The grower who hires his man to look after his roses and carnations, seldom if ever gives him a thought beyond that of what he can produce. If the stock is creditable, well and good; else out he goes to make room for another man. On the face of it, it looks proper of course. Yet, how often do we ignore conditions and circumstances beyond the control of the best men? Good wages to the right man are paid as a rule, not because of choice, but because of necessity. I have often met men working from sunrise till sunset and late into the cold, wintry nights for a paltry few dollars per week. At last, when life becomes burdensome and a more suitable place is found at a higher wage, the employer is ready to offer better terms. Necessity, of course, has compelled him to "compromise."

Such is not the ideal employer. The "knight of the grip" or the man of the road is as happy as the proverbial lark when he can show "big results" and send good orders to the house. Fifteen below zero, or ninety in the shade, it matters not to him. Out he goes on his daily rounds, trudging along some country road in quest of business, faithful to his trust, like the trim soldier defending a righteous cause, hopeful and persevering. Somewhere in the great city of New York or Chicago, a little woman and little children feel lonesome, at times desolate and forlorn because of the absence of their bread-winner and protector. Things look discouraging and gloomy at times on the road, despite one's best efforts. At such times a word of encouragement would be welcome indeed, but here is a letter. "Get a hustle on yourself," it says, "you must do better." "Why don't you sell to Mr. So and So?" Results are wanted regardless of all circumstances. Those who read the letters of Mr. Graham, the pork packer, to his son, which appeared periodically in the Saturday Evening Post, can see the typical real employer. Mr. Graham wants no apologies, no explanations, he wants orders for pork, spareribs, lard, and—nothing but orders. Very laudable, indeed, but the ideal employer is not reflected in Mr. Graham.

The man or woman behind the counter toiling from morning till evening, and during the rush of the holiday season late into the night, finds no pleasure in the work if his or her efforts are not appreciated. Things are done in a half-hearted manner. On the other hand, be the employer of the ideal type, having the in-



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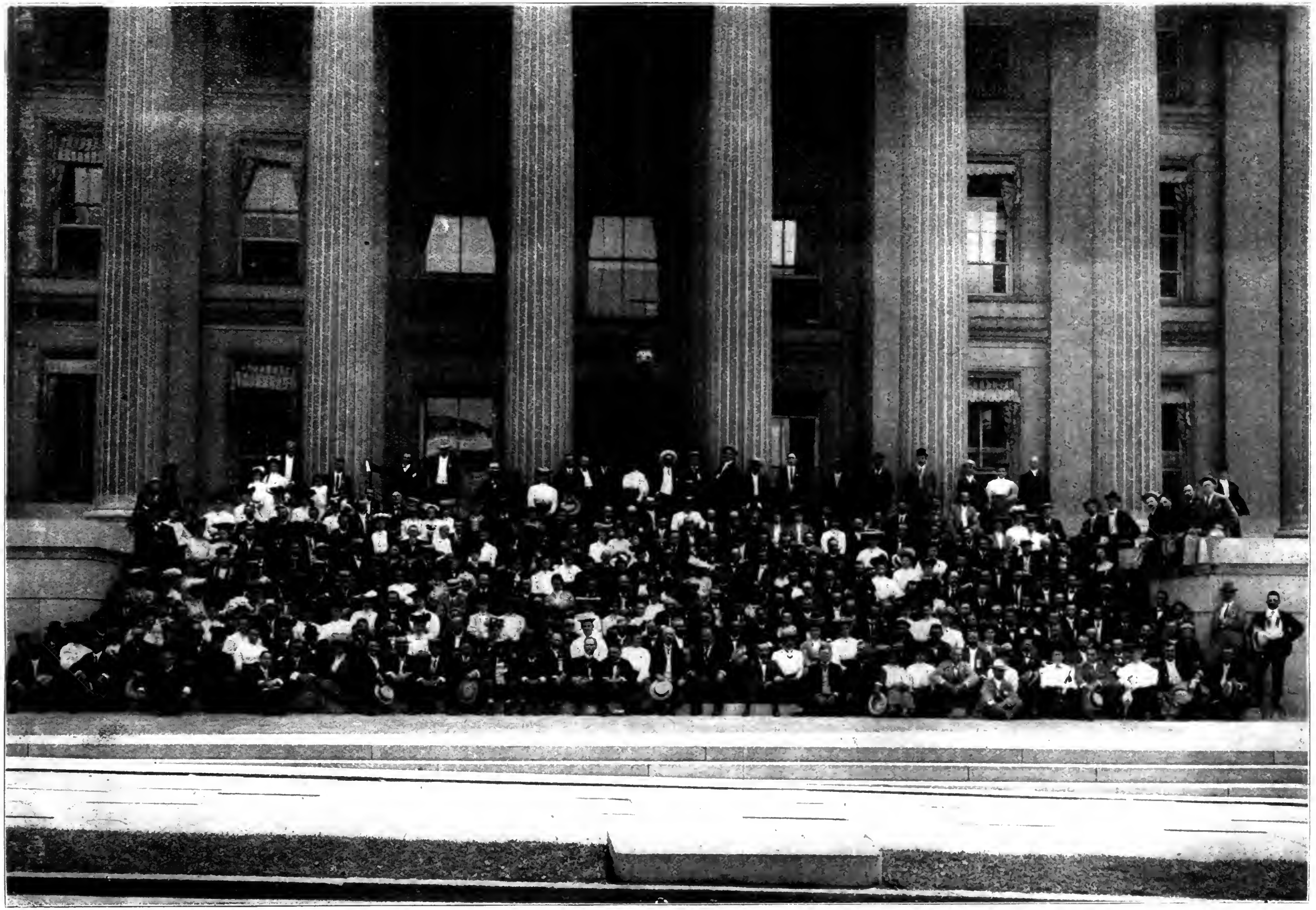
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terest of his employees at heart, a sort of enthusiasm is sure to pervade the establishment. I can cite instances that came under my personal observation. The kind-hearted master, who in the good old slavery days, took a fatherly interest in his human chattels, who fed them well, protected them, never abusing the helpless creatures, was the ideal master whose virtues are extolled to this very day by the old Southern darkies. Such a master seldom, if ever, had occasion to employ his bloodhounds in pusuit after a liberty loving negro. "Like master, like man." Faith and mutual confidence obviating the necessity of the lash, the bloodhounds and the vengeance of the slave.

The ideal employer is he whose interests extend beyond the narrow sphere of the counting room and the shop, who sees in his employees the man rather than the producing machine. Ever on the alert, ever watchful over his own interests, he realizes at the same time that the interests of his employer must be protected as well, that the one subserves the other, that one is impossible without the other.

It is a noteworthy fact that some of the men at the head of the great industrial establishments in the west, such as Procter & Gamble, of the ivory soap fame, and Mr. Paterson, of the National Cash Register Co., are approaching the type of the ideal employer. The schools, lecture rooms, clubs, hospitals, which these gentlemen have provided for the benefit of their employees, are most gratifying signs of an ideal state of affairs obtaining in those establishments. The result of these experiments prove most conclusively that each and every employee on the place takes a keen interest in the work at hand, regarding himself, as it were, as a part and parcel of a community, whose progress, as a whole, depends upon the good will and the good work of each individual member.

Mr. Paterson has indeed accomplished most wonderful results. His employees are a well-bred, well-cultured class of men and women. It has been well said, that no man has a right to demand that which he cannot give in return. The ideal employee, who, like Garcia's messenger, knows no obstacles and will face danger with the fearlessness of a true hero, must have a Garcia to serve. Admiral Togo won a naval battle, the like of which history does not record, because every man under his command found in him the ideal admiral, stern, exacting, and withal kind-hearted and considerate. On the other hand, the Russian sailors suffered defeat because the men in charge of the unfortunate fleet lacked the qualities of the ideal commanders.

To sum up: The ideal employer is, first of all, a moral man. Second, he is broad-minded and considerate. Third, he possesses in no small degree those qualities or virtues, commonly called patience and perseverance. Fourth, his own interests are inseparable from those of his employee; and fifth, he regards his business as a means, rather than end, ever striving to mould his life as his conscience dictates, even aspiring to live up to the golden rule, "Love thy neighbor as thyself."

THE IDEAL EMPLOYER.

By Henry Eichholz, of Waynesboro, Pa.

[Awarded second prize in the convention contest for the Beatty prizes for best essays on this subject.]

This society being composed of men of various trades, as plant and cut flower growers or both, wholesale and retail dealers in plants or cut flowers or both, seedsmen, supplymen, noveltymen, builders of greenhouse structure and boilermakers, and last but not least ornamental horticulturists, I presume the subject must be treated to suit every employer.

First of all, an ideal employer must be master of his trade; he must thoroughly understand his business, as only under these conditions will he be able to judge work done and the ability of employees fairly.

Second: The ideal employer should have working capital enough to pay every employee promptly in full for all services rendered on days agreed upon, particularly paying for all overtime due the employees; for if you try to squeeze here and there a few hours, without remuneration, out of your employees, they will surely get square with you as soon as your back is turned, and you are the loser in this skin game.

Third: An ideal employer should in engaging men have a thorough understanding what is expected of each employee, and see that each one does his duty. Have all difficulties adjusted at once as sometimes a little misunderstanding may create, in the imaginary employee, dissatisfaction that can upset the whole working force.

Fourth: An ideal employer should always be prompt, if he expects promptness from his help; start promptly, quit promptly, and, if really necessary work has to be done before beginning or closing of day, pay promptly for same, asking no favors.

Fifth: An ideal employer should see to it that the Sabbath day is kept holy. Have only the most necessary work done, as a day of rest and recreation will put a better crew to work at the beginning of the week, and at the hand of your Creator you will be rewarded a hundredfold.

Sixth: An ideal employer should be reserved in manner, should show no favor, be courteous, polite, but always firm in giving orders and advice. Profanity is an employer's worst enemy; like a child imitates the ways and manners of a parent, so does an employee adopt the ways of his master.

Seventh: An ideal employer should encourage his employees wherever possible. There are many ways. Provide the best of tools for every work. Pleasant surroundings in workshop and homes. A word of praise where such is due will do wonders. Do not expect the skilled employee to also fill the place of the common helper. Have the trade papers and other trade literature where the men can get them at their leisure. Purchase the most meritorious novelties to stimulate the interest of your employees.

And last but not least, to be an ideal employer and have an ideal place of business, it is necessary to employ ideal help. This is very hard to find in this commercial age, and as long as no institutions are turning out ideal helpers, every employer will have to get along the best he can. By following the foregoing advices employees and conditions can be improved; as it is nine times out of ten that the employer is at fault for the condition of his or her business.

In closing I wish to say a few words to the florist section of this society in particular. If you are master of your

profession, so that you do not have to rely on foremen entirely, but that you yourself can be at the steering wheel of your place, you will find that there is plenty of good help that, if properly treated, will do its duty. In employing florists be particular to get men that will work and harmonize together. If toughs or loafers slip in get rid of them the next pay day, for the good of all concerned. Good employees are generally eager to learn and if they see and notice your superiority and your ability, they will do anything for you and vote you the ideal employer.

THE IDEAL EMPLOYER.

By J. Austin Shaw, New York.

[Awarded third prize in the convention contest for the Beatty prizes for best essays on this subject.]

It is a grand privilege and responsibility to be an employer. A privilege because of the possibilities involved in opportunity to benefit one's fellow men. A responsibility because of the great obligation which rests upon one, to whom by birth or capital or mental strength has been given the power to lead men, and to maintain the homes and fortunes of those who give their best years, their skill, their faithful service in his behalf. The infinite source of strength, and consciousness of the account that must be rendered, for the trust given must never be forgotten if one is or is to be an ideal employer.

The thought of the highest, the purest and the best is always associated with the word ideal. It indicates the acme of things, the plan where there is always room—the top. To aspire to win the honor of that title is no unworthy ambition. To merit the confidence, respect, loyalty and devotion of those who toil in one's behalf, this seems to me to demonstrate the right to claim fellowship with the noble brotherhood of ideal employers.

One cannot be ideal in the true sense of the word, therefore, who does not come to the standard, first, as to character. A bad man morally, if he be perfect in all the other requirements of the honor, is unfit to be an employer at all. With good character as a basis, all else that is good and helpful may be built up into a perfect structure; and such a man shall stand before kings, and is a king, crowned with the love of those he serves, and building daily a monument that will endure through all the ages.

The ideal employer, then, with unsullied reputation, must next have a thorough knowledge of his business, in all its details, thereby commanding the confidence of those he leads, and ensuring their respect. Not only must he merit confidence, but he should invite it, for by so doing, he gathers new ideas, and strengthens not only himself but the man he draws upon, increasing at the same time his loyalty and encouraging him to further inspirations.

The ideal employer never forgets the golden rule. It should be the foundation of all his plans, his decisions, his enterprises. With this as the basis of his daily life he cannot make mistakes. The great unwritten law of whatsoever a man sows, that shall he also reap should be stamped in letters of fire upon his brain and heart.

There can be no escape from the reckoning that must be made when the sceptre is laid down, and the crown of responsibility is taken away. There is no escape from the balancing of the books, and there will be no excuse taken if the records are not clean.

The ideal employer must have within him an abundance of the milk of human kindness. He must be patient, considerate, gentle, slow to anger, solicitous as to the personal habits, health and family happiness of his employees. He must avoid undue familiarity, must encourage the proper use of spare time, inspire by example a love for study, healthful recreation, and good companionship and teach by precept and accomplishment the lessons of right living. He should be quick to detect and punish crime, and to discourage disloyalty by prompt dismissal of the offender. He should never stand in the way of an employee who finds opportunity for the betterment of his position, and should never make necessary a request for better wages where talent and achievement indicate the wisdom of the encouragement.

It is not having, but being, that makes the perfect man. Not the surroundings, the broad acres, the palaces; but the inner life, one's self that counts. The highest ideal is to shape one's life so that it may harmonize with the law of love. First knowledge, intelligence, then the consciousness of duty to those whose welfare is entrusted to our guidance.

The ideal employer does not live simply to acquire wealth. There is a higher goal never lost sight of, the happiness that comes from promoting the happiness and success of others. The law of love, which the ideal employer makes the guiding influence of his life, involves unselfishness, sympathy, brotherhood, generosity and justice.

The ideal employer invariably possesses the respect of those in his service. Conscientious, prompt, active, alert, he inspires others to emulate him.

Demanding loyalty, he wins it by his own loyalty to the interests of those who serve him. Honest himself, he asks no adherence to any policy that will not bear the white light of investigation into all its detail. He gladly invites sincere criticism. He is never unreasonable in his demands. He trusts implicitly and safely those who are worthy of confidence. If he is truly ideal no competitor can ever win the loyalty of an employee whom it is to his advantage to retain. He is always judiciously liberal; he does not forget the little mementos of holiday season, the solicitous and practical remembrance of those who by accident or illness appeals to his generous nature, the thoughtful inquiry, the little delicacies for the sick room, the tender sympathy, when the heart strings are wrung by loss of loved ones. No ideal employer ever withheld these tokens of good fellowship, or because of wealth or station, felt himself above the men who labor. If he be possessed of abundant wealth, he should see to the building of ideal homes, to the establishment of schools and libraries and gymnasiums, and to recreative parks



A Part of the Display of Lion & Wertheimer, New York, at the Washington Convention, August 15 to 18, 1905.



Wm. Dilger, President Detroit Florists' Club.

and play grounds, and every convenience for the comfort and health of all whose lives are so interwoven with his own. His is a responsibility that may well give cause for serious thought, but if he be ideal, with clean life and clear conscience, as the fountains of his ambition and accomplishments, who can estimate the glory of his achievements and the value of such a life to humanity?

DETROIT.

Wm. Dilger, president-elect of the Detroit Florists' Club, was born in Sandusky, O., of German parentage. His father and mother dying when he was very young, he was adopted by a French uncle who had large interests in floriculture and vineyards. He was then twelve years of age and at the age of sixteen served one year at Parsons Sons Co., Flushing, and one year at Waltz's, Cumminsville, now Cincinnati. In the fall of 1876 he began business in Indianapolis, only to burn out in two months with no insurance. In 1878 he returned to Sandusky, where he built five greenhouses and added landscape work, which he followed for seventeen years. He then went to Detroit to build, or finish, the palm and orchid houses of Jos. Berry, of Grosse Pointe. In 1901 he was engaged as manager of the Michigan Cut Flower Exchange by Mr. Breitmeyer. Mr. Dilger is a regular attendant of the club and takes a great interest in its success. RAG.

WONDERFUL GROWTH.

The Baltimore American, speaking of the meeting of the S. A. F. in Washington and the entertainment of a large number of the delegates by the Gardeners' Club of Baltimore, has this to say of the wonderful progress that has been made in floriculture:

"Though commercial floriculture in the United States is nearly a century old, yet its development was very slow until the latter years of the nineteenth century. In 1825 there was scarcely any capital invested in greenhouses and gardens, except for the pleasure of the owners; in 1900 there were about 9,000 commercial florists' establishments, having an average of 2,500 square feet of glass each, or a total of 22,500,000 square feet. The estimated value of these establishments was 50 cents a square foot, or a total of $11,250,000. The value of the output was about $22,500,000. The retail value of cut flowers was estimated at $12,500,000, apportioned as follows: Roses, $6,000,000; carnations,, $4,000,000; violets, $750,000; chrysanthemums, $500,000; lilies and miscellaneous flowers, $1,250,000. The retail value of plants sold was $10,000,000. These large figures are for five years ago, and a fair estimate of the valuation of the commercial floral output for the curernt year would be not less than $30,000,000.

"Not only have American florists made their business successful and profitable, but they have encouraged a more widespread love for flowers among all classes of people. They have shown what possibilities exist for original work in this great field for the development of new varieties and for the enhancement of the beauty of the old. By frequent exhibitions given in all the larger American cities they have shown not only what they have done, but what others can do, by the exercise of the same intelligent skill and patient care. The country owes to these men no small debt, for through their business they have been able to add to the beauty of nature's products and to bring the people to a better appreciation of that beauty."

KINSMAN, OHIO.—Albert Mathews is making extensive additions to his green houses.

CARTHAGE, MO.—Stephen Hyde, Jr., is adding two houses each 34x200 feet to his present plant, and also is putting in another boiler. Four of the houses will be planted to lettuce for the St. Louis and Kansas City markets.



Nephrolepis Scottii, Shown at Washington by John Scott, Brooklyn.
(O'Quinn & Co.'s new Asparagus in the foreground; A. N. Pierson's exhibit in the rear.)

ECHOES FROM THE CONVENTION.

It is delightful to have one's prophecies fulfilled. Every one I made weeks ago about the Washington convention materialized, even the weather, that fickle jade doing far better than any of us hoped for. In fact after the first twenty-four hours of humidity not even the chronic kickers had a word to say against it. This was eminently a ladies' convention. Never were so many of the fair sex in evidence, queens every one of them, from "the queen of the S. A. F.," as Vice-President Freeman called her, down to the littlest lady of them all. I wonder if the handsome Altick will achieve such a triumph at Dayton?

The need of a large hall for the concentration of every interest at the conventions has been shown for the last time. Never will they be separated again. The lesson taught must bear fruit. No one felt worse than the Washingtonians at the dividing of the ways. There were many lonesome hours spent by the exhibitors in the Masonic Temple. "Don't let it happen again!" Dayton has an entire fair grounds ready for next year so we can all get together.

It was a young man's convention. All the officers elected are in their prime. The president and his vice are very popular with the fair sex. Half the delegates in 1906 will be ladies.

Bowling was never so popular. Cut out the sports and see how slim will be the attendance. Next year there will be more prizes and greater enthusiasm in this line than ever and yet it will be the greatest business convention ever held, for the most potent of attractions will be the meetings of the members.

Instead of uninteresting so-called lectures by youthful architects, let us have an evening or two with our own talented members in speech and song. What could compare with the eloquence of Craig, the humor of Carmody, the recitations of Beneke, stories of Gurney Hill and the music of Miss Fulmer and the Chicago quartet? There is no call nor room for incompetent outsiders with the talent in our own ranks to draw from. Let Brother Altick put this in his pipe and smoke it.



S. S. Skidelsky.

(Awarded first prize in the Beatty contest for best essay.)

The New York Clubites are good waiters. Lots of presidential timber in its membership. But no hurry.

The lady who took the prize for consecutive loyalty was Miss Perle Fulmer, of Des Moines, Ia., the songbird of the conventions. This was her eighth celebration without a break, but something is bound to happen some time and J. T. D. S. A. F. O. H. may not always accompany her!

As usual, the vote by the ladies on the New York train for the handsomest man on board went to an outsider, Mr. Bryant, of the A. H. Hews Co. Among the New Yorkers the vote was a tie between Traendly, Guttman, Fenrich, Julius Roehrs, Jr., Rhotert, Nugent and Totty. Lorenz and Louie Schmutz were among the also rans.

I never saw Sullivan, of Detroit, look so tiny as when he occupied the driver's outside seat of the eight-horse coach with Baby Foley, of Chicago. That seat must have been well braced, for it stood the awful quarter ton strain uninjured. Never did it hold so much good nature before.

Joe Manda recovered from his threatened attack of appendicitis in time to do his judging, with the help of mustard plaster without and something hotter within, but it killed the New York's bowling score and lost them the coveted cup.

Billy Kasting, the bowler, was too much absorbed estimating the probable votes of President Kasting Wednesday evening to do the sport and himself justice. Mrs. Kasting was the happiest lady in the hall on Thursday and her smile, let us hope, may never come off.

The noise at the bowling contest made by the wind instruments and cymbals and other things made one think of war and Foley can tell you what war is.

Seidewitz was just as good natured as ever after joining the also rans. What's the use?



Carnation Candace.

(Showing the old plants, still blooming. Photograph taken August 11, by John Hartje.)



Hedge of Spiraea Van Houttei Three Years After Planting.

When the New York Club sings "Johnny get your gun" next winter, Burnie will now be able to respond. He was not the only member of the club who carried off a prize!

If Altick will pull off a fat man's race, quarter mile, next summer and Bryant, Bayersdorfer, Ritter, Lonsdale, Sullivan, Kasting, Heinl, Hallock, Poehlmann, Seidewitz and Foley and all others over 250 pounds will enter, I would like to present a gold headed cane to the winner.

Ed. Winterson seems much toned down compared with the hilarity he displayed in the old days when he killed me in Detroit and he bowled 200.

Patrick Welch, of Boston, made a fine, impassioned appeal for justice to his absent friend. He never stabs a man in the dark.

F. C. Weber and his wife managed their European trip nicely so as to go home via Washington and Mrs. Weber took one of the handsome bowling prizes to St. Louis with her.

I wonder when J. A. Valentine will invite us to Denver? He has more to show us than ever New York or Washington can display. Those wonderful mountains are worth going around the world to see. I hope it will be Denver in 1907.

Lewis Ullrich takes defeat with the same genial placidity that he will display when victory some day perches on his banner. Everything comes to him who waits. Mr. Kasting can prove it.

Mrs. Samuel Henshaw tramped up and down the hills at the old bridge like a girl and the gallant Davis, of Orange, chaperoned her.

Mrs. Suder, of Toledo, was more like a lassie of 26 than 62. In fact she says the figures have been changed and the former are correct. She attended every meeting, reception and trip and was never weary. I prophesy she will be at the 1943 convention.

Everybody was glad to see William Scott again in good health and active in all his favorite sports after his severe illness and all wish him a long life and a renewal of his youth.

The ribbon men not only secured prizes for their fine exhibits, but the ladies declared the exhibitors were even handsomer than their display.

Harry Papworth escaped both the yellow fever and the railroad wreck and looked as if he was none the worse for the rocky road he had to travel.

A good many complained of lack of acquaintance with Washington water and so indulged too freely in it. Some found satisfactory substitutes. No serious illness developed except in the case of L. E. Dake, of Rochester, whose sudden death on Thursday was greatly regretted by all. The sincere sympathy of the convention goes out to his bereaved family.

The Canadian boys from Toronto and other cities even as far away as Winnipeg, Man., were warmly welcomed. Yearly we are growing nearer to our cousins across the lakes. Some day they will be our brothers. That is manifest destiny. Next year we should have fifty Canadians at Dayton.

For once Leuty didn't ride his bicycle to the convention. Perhaps he is getting ready to go to Dayton in his auto.

Mr. and Mrs. Albert M. Herr have still the youngest member along and he is getting a big boy now.

There was an unusual elation in W. P. Craig's handshake this year. In the early fall he marries Miss Mary C. Falsteth, of Philadelphia. Now you understand.

Some one broke a bottle of port wine in Manda's valise. After this came the attack of stomach trouble. But I didn't say Joe drank the wine.

Philip Breitmeyer and wife were as sweet and modest as if they were not building the finest florist store in the world.

Those Washington boys are wonders. Such devotion to everybody, such tirelessness and harmony, such accuracy and completeness of arrangement, such a souvenir, such unselfishness from Vice-President Freeman to the bottom of the membership list. Can we ever forget it all and their unvarying kindness, solicitude and devotion? God bless them. What would the year amount to without these annual reunions, important first of all in furthering the interests of the society, but best of all to most of us in that we see old friends again and clasp hands in loving welcome and farewell.

J. Austin Shaw.

SPIRAEA VAN HOUTTEI.

Spiræa Van Houttei is an excellent shrub for an ornamental hedge. It has been used for this purpose for a number of years and in every instance, so far as I know, has given the best of satisfaction. The plant is extremely hardy, even in Minnesota or Canada; transplants readily and grows in almost all soils and situations. The habit of the plant is graceful and beautiful at all times. When in bloom in June in this locality it is a perfect snowbank of bloom, hardly surpassed in graceful beauty by any other flowering shrub.

The California privet has been largely planted for ornamental hedges and in many localities succeeds admirably. On the Atlantic Coast, where the atmosphere is saturated with salt, few shrubs or trees thrive as well as under other conditions. Here the California privet flourishes better than most others. But in Indiana and other central states the California privet will not long survive. I have grown it here for more than twenty years, but do not know a plant of it more than three or four years old that is not misshaped and unsightly from



Hedge of Spiraea Van Houttei Four Years After Planting.

injury by the cold. Much complaint has been made in the last year or two from various states on account of injury to privet hedges by the cold.

The illustrations show hedges of Spiræa Van Houttei in the grounds of W. H. H. Graham, on University avenue, Irvington, near Indianapolis, Ind. The hedges had been planted four years when the later photograph was taken. Such a hedge should be trimmed back soon after blooming in June. The general rule for flowering shrubs is to prune soon after the blooming period. Spiræa Van Houttei should be set eighteen inches apart in the hedge row. I prefer to use plants eighteen to twenty-four inches for a hedge. I have made successful plantings in both autumn and spring. E. Y. Teas.



Chrysanthemums as Grown by J. St. Mard, New Orleans, for All Saints' Day.

PHILADELPHIA.

The Market.

Conditions in the cut flower market show improvement. The quantity of flowers coming into town is slightly decreased. The average quality is better and, most important of all, the demand has improved. Asters are very fine, a fact that is appreciated by the buyers. Dahlias are coming into greater prominence and bid fair to be an important factor very soon. There are plenty of good Beauties, a few nice Maids, some fine Kaiserins and an ample supply of excellent valley.

Convention Echoes.

The large delegation that went from this city to the Washington convention last week has returned in detached groups. All our delegates express great pleasure in their trip. The hospitality of their hosts was unbounded, everything having been done to make their visit pleasant and profitable. The success of the bowling team after a hard battle was a source of pride to their admirers. While not a great deal of business was done, the many exhibitors from this city feel that their efforts have at least sown seed on good ground. A very large number of visitors from other cities have been with us during the past few days. On one day alone there were seventy-five of them at the Dreer Nurseries, at Riverton.

There is one criticism on the management of the trade exhibits at Washington before the S. A. F. O. H. meets at Dayton next year worthy of consideration. Many of the exhibitors believe that it would be better not to admit the general public to the trade exhibit except on one day and then to charge admission. They think that the best interests of the business are not advanced by permitting curious crowds to handle and price stock only intended for florists.

Various Notes.

H. Bayersdorfer's newest importations are making a stir among the trade. His stoneware flower vases are creating a lively demand.

H. B. Howard spent Monday in this city. He spent the morning visiting many of the business houses and in the afternoon, accompanied by Mrs. Howard, called at the Dreer Nurseries, at Riverton, N. J.

Robert Kift states that he has concluded arrangements with the creditors of Joseph Kift & Sons by which that firm will pay ten per cent now and ten per cent in ninety days. Mr. Kift's friends are pleased that he has been able to make these arrangements to resume control of his business.

A. M. Campbell, with Ed. Reid, has returned from his vacation.

W. E. McKissick will open a wholesale commission house at 1221 Filbert street, September 4.

Mrs. Sarah I. Smith, of Secane, is sending exceptionally nice asters to the Flower Market.

M. Rice & Co. are very busy with the convention orders.

The Finley Acker Co. has opened its new flower store at Twelfth and Sansom streets.

Richard Umphried, of the Flower Market, enjoyed a trip to Boston by sea recently. He visited both the flower markets and a number of the beautiful watering places that abound near the hub.

The L. K. Peacock Co. has 130 acres in dahlias, which they think are finer than ever this season. Their annual dahlia show will be held at Haddenfield, N. J., September 10 to 16 inclusive. Phil.



Hedge of Spiraea Van Houttei as Seen from the Owner's Lawn.

NEW YORK.

The Market.

A visit with Mr. Howard of the Review in the wholesale cut flower district on Saturday last revealed a condition of cheerful and hopeful looking forward and a very optimistic outlook for the coming season so soon to make its advent. One thing Mr. Howard especially remarked was the uniform neatness and cleanliness of the wholesale stores. They certainly are all in a spick and span condition that makes a New Yorker proud of them and of the men who appreciate their business sufficiently to keep them so. Some of them are good enough for a retail business on a bon ton avenue. It would not be fair to particularize. The enterprise microbe has been busy with everyone of them. Look out for a wonderful business this winter; you will see the wheels in motion early in September.

Just now it is an aster and gladioli market. We couldn't see much else except the outdoor Golden Glow and Hydrangea paniculata. There were plenty of these to make many a decoration like Brother Gude's at the president's reception, where hydrangeas grew on evergreens. Some fine valley graced several of the ice-boxes and plenty of roses, such as they are, were in evidence, but one looked in vain for carnations and there were hardly enough orchids to corsage and buttoniere a single Newport function.

There is no pessimism anywhere and everybody feels and shows in his cheery



The Establishment of George M. Kellogg, at Pleasant Hill, Mo.

countenance that "the worst is over." Most of the merchants and their lieutenants are back from summer outings with the brown glow of health on their cheeks and the light of ambition in their eyes.

Various Notes.

J. Nash celebrated his return from his three weeks' holiday by a trip with one of his growers, C. T. Darling, of Stony Brook, which was close to a tragedy. The impact of an auto and the horse and buggy was bad for both, but fortunately the gentlemen escaped with only a bad shaking up and a few bruises. These close calls are nerve thrillers and Mr. Nash shakes a little when telling about it.

Mr. Moore, of Chatham, who was in town Saturday, says that within four miles of his plant are ninety shippers of cut flowers to the New York market by the wagon express, which he calls a great success. But out of this list he also stated only two were members of the S. A. F., a significant endorsation of the necessity of some special method whereby the membership of the national society should be tremendously increased.

Thos. Young, Jr., is back from Europe and in splendid health.

Ed. Horan has been climbing the Catskills and looks better for his experience.

H. L. Ghormley arrived Monday from a beneficial month's stay in the Adirondacks.

Mr. Donigan, with Ford Bros., tempted the fickle goddess and imbibed two weeks of Saratoga water as a recuperator.

Geo. M. Garrett and wife, of Alex. McConnell's office staff, are resting in the Massachusetts hills and Myer Gottlieb, the artist of the establishment, has finished his coat of tan amid the coasts of Maine.

Mrs. Langjahr has entertained the stork and presented her husband with a boy.

Mr. and Mrs. Kreshover have had a very happy and successful two weeks at Saratoga. Few of us can pick five winners in a day.

Mr. Kilpatrick, of Walter Sheridan's office, left Saturday for his Vermont annual.

Troy is back from Bar Harbor and will soon start for Europe. Alfred Bunyard, formerly with Siebrecht & Son, has been added to the Rosary staff. The store when completed with its outside and inside white birch bark trimmings will be one of the most unique and striking in the city.

Business at Newport is now in full blast and all the available forces from the New York stores of Leikens, Hodgson, Siebrecht, and Wadley & Smythe have been transferred there for the anticipated boom of the next four weeks. If Russia and Japan will get together and then fraternize there, as now expected, the society village by the sea will have the gayest season on record.

Much sympathy is expressed for Harry Bunyard in his fight with his old enemy, rheumatism. He was greatly missed at the convention. So were many of the old regulars, Walter Mott and J. F. Wilcox among them. Let us hope we may all meet again in Dayton in 1906 with not a vacant chair. J. Austin Shaw.

A PRACTICAL HISTORY.

With practically nothing but an old horse to start with, and a large and healthy family to support, just twelve years ago Geo. M. Kellogg located at Pleasant Hill, Mo. Procuring under difficulties a small piece of land, he commenced gardening on a small scale, selling his products through the neighboring towns. He and his family being ardent lovers of flowers, he erected for his own pleasure a small greenhouse at a total cost of $75. He soon found that he could easily dispose of his surplus stock and, procuring as much money as he possibly could, he added to his one house two more. His neighbors gave but little encouragement; in fact tried to discourage his ambitions, telling him that he was sinking his money and breaking his back for nothing but loss. Regardless of his Job's comforters, and with the tenacity of a born fighter he worked along. Saving all he could without denying himself the necessities of life, he was soon able to add some more houses. Having the facilities for handling ice, he added that to his increasing business and made enough to purchase more ground and conducted a much heavier gardening business and by energetic and untiring zeal was fairly started on the road to success.

As time passed the demand for his stock grew to such proportions that he was forced to enlarge his plant to its present capacity and today he practically stands alone in his section of the country, having the largest establishment west of the Mississippi river, with several branches, all successful. To supply his large shipping trade his men meet all trains, day and night.

Today his greenhouses cover over seven and one-half acres of land and contain 300,000 square feet of glass and 100,000 more will be finished by fall. At present there are thirty-six houses devoted to roses, consisting of 25,000 American Beauties and a total of 50,000 of other varieties, including Bride, Maid, Golden Gate, Ivory, Meteor, Uncle John, Chatenay, Kaiserin and Carnot. There are fourteen carnation houses, containing 50,000 plants all benched by early August. The varieties are Enchantress, Queen Louise, Lawson, Gov. Wolcott, Moonlight, Lady Bountiful, Joost, Guardian Angel, Fiancee, Red Sport, Crusader, Richmond Gem, Cardinal and Mrs. Patten. There are five houses containing Marie Louise and Lady Campbell violets, with a few Princess of Wales and California. Three houses of chrysanthemums contain 7,000 of the leading commercial varieties. There are two large houses of Asparagus plumosus and Sprengeri, one large house of smilax, four houses of ferns, such as Boston, Piersoni, Scottii and Tarrytown; one house of adiantum for cutting, one house of orchids and two propagating houses. He also handles about 100,000 bulbs each year.

The packing department is one of the most complete and up-to-date adjuncts to this modern establishment. The plant is heated by thirteen large steam boilers of 900 total horse-power and from thirty to thirty-five tons of coal is used each day and it keeps seven teams busy hauling coal during the firing season.



One of the Adjuncts to the Geo. M. Kellogg Place.

Connected with this he has two boarding houses to care for his help and employs from fifty to sixty men.

In addition to this extensive plant Mr. Kellogg has purchased 250 acres of land on which is located one of the most modern dairy farms in the state and as fine a dairy barn as can be seen in any state, caring for 100 thoroughbred cows, with two large silos filled to furnish feed during the winter months. With a chain of lakes running through his grounds he stores his ice and has a large trade in his and the surrounding towns.

His alfalfa fields are the wonder of the country and from them he cuts five crops each year. At Kansas City Mr. Kellogg has a well equipped wholesale and retail store and with a steady force of seven people finds it hard to keep up with his constantly increasing business. Mr. Kellogg's success is due entirely to his own efforts and shows what can be done by an enterprising, practical man with determination.

VERONICA RUPESTRIS.

This is one of the prettiest forms of this most numerous and widely distributed genus. There is some confusion about the name rupestris, but it is the established trade name. This veronica is hardy and should be in every hardy garden and will cover a large area if required. It grows but four or five inches high and in May and June is covered with spikes of handsome blue flowers, as the illustration so well shows. It can be propagated from seed, or more easily by divisions of clumps of roots in early spring, before much growth occurs. It will thrive in any ordinary garden soil. W. S.

BALTIMORE.

The Market.

The market on Monday showed a little improvement over the condition experienced during the past two weeks. In some lines stock cleaned up better. Asters are not so plentiful as last week and only a limited amount of good ones are seen. The early varieties are about over and the late ones are just beginning to come in. Dark shaded gladioli are very plentiful, but those of lighter shades that come in find ready sale. Phlox and hydrangeas are very poor sellers and an abundance of both can be had and are only bought in quantity when in a pinch for white flowers. Mrs. Fisher carnations, largely depended upon for summer use, are poor in quality owing to heavy rains of late and only limited quantities come in. Dahlias and tuberoses are beginning to arrive, but are not much sought after.

Entertainment of the S. A. F.

Visitors to the number of more than 400 of the S. A. F. were entertained by the Gardeners' Club, besides the families and sweethearts of the members of the club. The drive through the parks and former burnt district was much enjoyed by all. In every omnibus were two or three members of the Gardeners' Club who pointed out the interesting features along the route. There were about as many ladies among the guests as there were gentlemen.

The visitors had a very agreeable surprise at Patterson park, where Superintendent Charles L. Seybold had planted an attractive emblematic design in colored bedding plants, forming two American flags, between which was a design with the lettering "Welcome S. A. F." conspicuous in highly colored plants. It was well done and the visitors heartily cheered when they saw it. The original program included Clifton park, but owing to the delay in starting from the stations, Superintendent N. F. Flitton, chairman of the committee, concluded it best to visit only the two parks and then through the former burnt district and to the boat, where refreshments were served. Quite a number of the club members assisted in waiting on the wants of the guests, especially behind the bar. Some of the members could handle the glasses as though they had been there all their lives.

A negro minstrel quartet was engaged for the occasion, besides Water's Fourth regiment band, which furnished music for the evening. The coon songs and cake walk will long be remembered. Dancing was enjoyed by many of the younger guests on the way down the bay, while in the saloon of the boat were gathered many to listen to the speeches of some of the S. A. F. members. Robert Craig, of Philadelphia, made a very entertaining speech. He ended by presenting Mr. Vaughan, of Chicago, in behalf of the members, a gold hunting case watch.

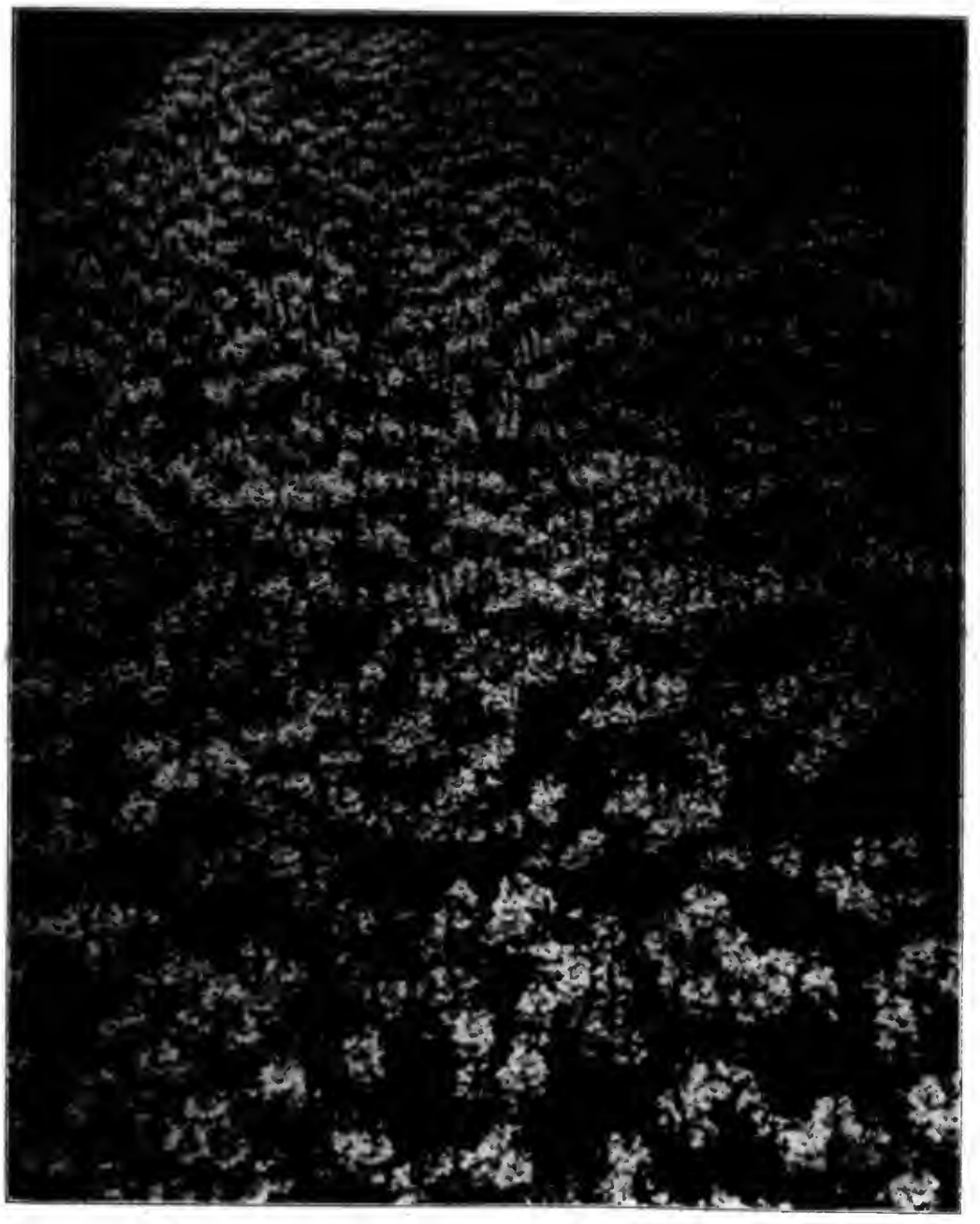
Vice-President Freeman, of Washington, spoke in high terms of Mr. Vaughan as president of the S. A. F. and thought the great secret of his success as a business man was the influence of a good wife and to show how the members felt he presented in their behalf to Mrs. Vaughan a gold crown set with diamonds.

E. G. Hill, of Richmond, Ind., ex-president, said, "Our hearts go out in gratitude for the enjoyable occasion the Baltimore florists have shown us." W. F. Kasting, of Buffalo, the newly elected president, also expressed his gratitude.

Wm. B. Sands was called upon to speak in behalf of Baltimore. He said Baltimore was the city of houses, not tenements, of schools and libraries and hospitals and beautiful women. He paid a glowing tribute to the city's history, where was born the immortal song of "The Star Spangled Banner." He pointed out the many things in the line of progress that Baltimore was first to introduce. He also spoke of her wonderful creations in floriculture, especially in roses. He said Baltimore had more than her traditions. She has grit and go in her yet. She is not a has-been, but is an is-er. Mr. Sands' speech was greeted with applause.

The committee of arrangements included N. F. Flitton, chairman; F. C. Bauer, J. J. Perry, Charles L. Seybold, I. H. Moss, Robert Halliday, William Fraiser, Robert L. Graham, J. A. Cools, R. Vincent, Jr., S. A. Seidewitz, P. B. Welch, H. H. Flitton, J. Boon and F. G. Burger.

The ladies' reception committee was composed of Mrs. Boon, Mrs. Burger, Mrs. Talbot, Mrs. Seybold, Mrs. Graham and Miss Margaret Graham. A. F.



A Bed of Veronica Rupestris.

BOSTON.

The Market.

Taken all in all, business during the past week has been quite satisfactory. Roses of good quality have sold remarkably well and have hardened in price somewhat. Carnations have also been in good demand, the best stock bringing prices almost equal that obtained in winter. Sweet peas are now of poor quality, having been spoiled by heavy rains. These will not from now on cut much figure in the market, although they will be seen for a month yet. There has been an abundance of asters of very good quality. Gladioli of desirable colors have sold well. Green stock remains about the same.

Exhibition.

Gladioli, phloxes, dahlias, herbaceous plants and annuals were the principal feature at the exhibition on August 19. For twenty named gladioli John Lewis Childs was first with an excellent assortment, the same exhibitor also securing first for 100 spikes arranged for effect. A first-class certificate of merit was awarded to Gladiolus Childsii America. For thirty vases perennial phloxes there was a good entry, but spikes were unusually poor, as is general here this season. Blue Hill Nurseries were first, T. C. Thurlow second, and W. C. Winter third. Dahlias made quite a big show in themselves, large collections coming from W. C. Winter, Mrs. L. M. Towle, W. G. Winsor and others. Mrs. Towle had some very fine seedlings. Robert Cameron, from the Harvard Botanic Gardens, had an extensive collection of herbaceous plants and annuals. C. W. Parker had hardy roses and Mrs. E. M. Gill a general display. There were splendid displays of fruits and vegetables and an unusually fine lot of fungi.

Mrs. J. L. Gardner, Wm. Thatcher, gardener, showed a well grown lot of bright Clerodendron fallax.

The last of the weekly shows occurs on August 26. China asters and herbaceous plants will be the floral specialties.

At the big September show opening on September 14 and lasting four days, hall space will be taxed to the limit. The schedule comprises seventeen classes for plants, thirteen for cut flowers, eighty-eight for fruit and thirty-six for vegetables. Some very attractive trade exhibits are promised.

Various Notes.

Returning delegates from the convention all report a delightful and profitable time.

Carnationists report a heavy demand for colored field-grown plants for fall planting.

Martin Wax, of Wax Bros., the Fremont street florists, had some fine fishing during his recent Newfoundland trip, landing one of forty-three pounds. By the tan on his face some would think he had been fishing around the equator.

Carnations are now mostly housed. As a general rule plants average smaller than usual.

Adam Shand, of St. John, N. B., will exhibit some fine seedling carnations at the A. C. S. convention in January. One is a dark pink similar to Nelson Fisher, and another a beautiful light pink in the way of Enchantress. Mr. Shand has a fine up-to-date establishment. At present Queen Louise and Joost in tile benches carry stems two to two and a half feet long. Roses, violets and chrysanthemums are all first-class.

The brown tail moth has spread this season over a very wide area. The gypsy moth has also shown itself over a considerably enlarged radius. Several nests of the latter have been found in the Arnold Arboretum recently.

The garden committee of the Massachusetts Horticultural Society visited the vegetable gardens of Col. Frederick Mason, in charge of E. L. Lewis, on August 22 and found them in superb condition.

The Gardeners' and Florists' Club is arranging an attractive program for the next meeting on September 19. A large number of applications for membership will be presented that evening.

A company of twenty-five horticulturists were the guests of President A. F. Estabrook, of the Massachusetts Horticultural Society, on August 17. Leaving Boston by special train, the party were met on arrival at Phillips Beach station by Mr. Estabrook and driven to his residence in Swampscott. An hour or two was delightfully spent in rambling over the extensive and well kept grounds and greenhouses. The head gardener, George Barker, had everything in fine shape. The recently constructed bowling alley was tried by some of the members. Lunch was served in a tent on the lawn in a charming manner at one o'clock.

In the afternoon the party was taken on a drive through Lynn and Nahant, returning to the Tudexo Club House, Swampscott, at five o'clock, where an elaborate dinner was served. The return to Boston on special train provided by Mr. Estabrook was made at seven o'clock. It was a day full of delight for everyone and Mr. Estabrook's generous hospitality was greatly appreciated. Among the members of the society present were: W. H. Spooner, Oakes Ames, W. W. Rawson, J. K. M. L. Farquhar, A. H. Fewkes, J. Woodward Manning, Wilfred Wheeler, C. E. Richardson, W. P. Rich and George Barker.

W. N. Craig.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the Review's page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

Date.	Steamer.	Destination.
Aug. 26	Philadelphia	Southampton.
Aug. 26	Campania	Liverpool.
Aug. 26	Caledonia	Glasgow.
Aug. 29	Kronprinz Wilhelm	Bremen.
Aug. 29	Slavonia	Naples.
Aug. 30	Oscar II	Copenhagen.
Aug. 30	Teutonic	Liverpool.
Aug. 31	La Touraine	Havre.
Aug. 31	Grosser Kurfut	Bremen.
Aug. 31	Hamburg	Hamburg.
Aug. 31	Parisian	Glasgow.
Sept. 1	Celtic	Liverpool.
Sept. 2	Konig Albert	Naples.
Sept. 2	Pennsylvania	Hamburg.
Sept. 2	Astoria	Glasgow.
Sept. 2	Minneapolis	London.
Sept. 2	Finland	Antwerp.
Sept. 2	Umbria	Liverpool.
Sept. 2	Louisiana	Havre.
Sept. 5	Monte Video	Cadiz.
Sept. 5	Caronia	Liverpool.
Sept. 5	Guilia	Venice.
Sept. 5	Victorian	Liverpool.
Sept. 5	Kaiser Wilhelm Gr.	Bremen.
Sept. 6	Rotterdam	Rotterdam.
Sept. 6	Calabria	Naples.
Sept. 6	Oceanic	Liverpool.
Sept. 6	Germania	Marseilles.
Sept. 7	Main	Bremen.
Sept. 7	Blucher	Hamburg.
Sept. 7	La Lorraine	Havre.

CHICAGO.

The Market.

There does not seem to be a ripple to break the calm of August business. July was a much better month in this market than is the average July, but August is not making so good a showing. In fact a number of the wholesalers report less business this August than there was last. The supply of stock has shown little change in the past two or three weeks. Since the receipts of asters became so large, there has been enough and to spare for every purpose. Of course, good carnations are hard to find and there are none too many good roses, but there are quantities of short and small Brides and Maids from young stock. The receipts improve in quality for each few days of cool weather, and deteriorate after each hot spell, and nothing particularly notable is to be looked for earlier than is customary. Beauties, however, are above the usual summer quality and a number of growers are cutting in considerable quantity.

The aster growers are complaining about the returns they are receiving, but this is almost always the case in the middle of the season. The early flowers sell well and, considering the condition of the carnation plants, it seems likely that the late asters will do much better than usual. Sales of gladioli are also very low, but for that matter the same thing can be said of practically all other items of stock.

The return of the convention party has done something to liven up things, but it is likely to be another couple of weeks before there is much doing in the market.

Delivery.

One of the features in which the wholesale cut flower business in Chicago has differed from other cities is in the delivery of goods. Here the buyer has taken his purchase with him, whereas in some other towns the wholesaler keeps one or more wagons for delivery purposes. But times are changing. In these days of over-abundant supply, when it is necessary to urge the buyer, it is common to hear the salesman ask, "Shall I send it over?" Or the wholesaler goes to the 'phone and tells the retailer of No. 19's fine dark violets just in, ending with, "Shall I send you 500?" One of the wholesalers calls at some of the greenhouses for the stock which he sells on consignment, and another has a wagon which makes deliveries on its way home. "Great oaks from little acorns grow," and if supplies keep ahead of demand it may not be long before every wholesaler will have to keep two or three delivery wagons.

Various Notes.

There has been comment that only one retail florist has thus far taken to the automobile as a means of delivery. Mangel has the only one in town. Others who have tried rented automobiles for holidays when extra delivery facilities are required, have found that horses make better time and are more dependable.

Peter Reinberg has dropped Flora Hill from his list of carnations planted in quantity this year. His principal white will be Boston Market, with Lady Bountiful second.

Kennicott Bros. Co. is planning to handle orchids and other specialties rather

ASTERS in any quantity and all grades

Extra Fancy — Fancy — Common

$2.00 a 100 $1.00 to $1.50 a 100 $4.00 to $5.00 a 1000

Tea Roses, Beauties and **Carnations** of good summer quality. **Harrisii, Auratum, Album** and **Rubrum Lilies,** fine and plentiful. **Gladioli** of every color. Splendid heads of **Hydrangeas.** **"Green Goods"** for every use.

EVERYTHING IN SEASON AND OF BEST QUALITY.

Fancy Valley always on hand

DEPARTMENT OF MADE-UP WORK.

While trade is quiet and you do not wish to carry much stock you can rely on our Department of Made-Up Work. We are prepared to execute orders for any kind of funeral piece, from the cheapest to the most expensive. Usual trade discount allowed.

SEE OUR SPECIAL ADVERTISEMENT ON PAGE 661.
WE MEAN JUST WHAT WE SAY.

AMERICAN BEAUTY,	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Kaiserin	3.00 to 8.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Liberty	3.00 to 8.00
Carnations	1.50 to 2.00
Asters	1.00 to 2.00
" common..1000, $4.00-$5.00	
Valley	4.00
Auratums, per doz., $1.25 to $1.50	10.00
Easter Lilies.....per doz., 1.50	
Gladioli	1.00 to 2.00
" fancy varieties	3.00 to 6.00
Shasta Daisies	.50 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze.....per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Leucothoe Sprays	.75
Smilax..... per doz., $1.50	10.00
Fancy Ferns.....per 1000, $1.00	.15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

We close at 5 p. m. during August. 32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. Chicago, Ill.

extensively this winter. They did very well on wild smilax last season.

Frank Oechslin, of the Garfield Park Flower Co., is busy preparing a stock of Christmas plants. He will be better supplied than usual.

Mt. Greenwood Cemetery Association is building three new greenhouses, using the King gutter and Foley roof material.

The wood purlin has passed. The right thing now is a ¾-inch or 1-inch iron pipe. The wood purlin is easier to put up, but the pipe obstructs the light less.

The retailers agree that this summer has been one of the most quiet on record.

Dan Branch his finished his new houses at Fifty-first street and is stocking them.

Everyone was pleased with the convention trip. The stop-off at Detroit was highly enjoyable and all speak in words of appreciation of P. J. Hauswirth as an excursion manager.

The Benthey-Coatsworth Co. is receiving Killarney and Richmond roses from its plant at New Castle. They will soon have good stems, as the plants are growing well.

Percy Jones says that Frank Garland's prospects are excellent for the approaching season. His chrysanthemum plants are in fine shape.

L. Baumann & Co. are just in receipt of sixty-nine cases of florists' supplies from Germany.

E. C. Amling thinks that the prospects for the season now at hand indicate better business than last season. He has good reports on crop outlook for all his growers and thinks good stock insures good business.

Weiland & Risch are already planning for a new range of rose houses for next year.

J. A. Budlong reports having fired up in the rose houses in both July and August, to keep the place free from mildew and insect pests, the latter being exterminated by diluted nicotine extract put on the hot pipes with an oil can.

CLEVELAND.

There is practically nothing doing in the business line with the possible exception of an occasional spurt in funeral work, in which some retailers are quite busy. The variety of stock is very limited and if of good quality is eagerly sought after. Fine Kaiserins are still to be had in limited quantities at from 3 to 8 cents for extra specials. A few very fair tea roses and Chatenay are coming in from young stock. Asters and gladioli are in great abundance, the market being seldom cleaned up. Prices on these goods would not look well in print.

Various Notes.

I am pleased to report that the new rose, Richmond, is giving general satisfaction so far. A call on our venerable friend, A. Graham, who had just returned from Washington, found him much pleased with the growth of this new rose. His stock looks healthy and is quite vigorous. A very noticeable feature of this variety is its tendency to continually produce buds. In this respect and others it resembles Liberty very much, but if it produces as freely as the originators claim, there is absolutely no question about its future. Here we also found Gen. MacArthur doing splendidly. The tea roses look clean and healthy and the growth is strong. Carnations recently planted are looking excellent, standing up like majors, making ready for the winter's battle. Mums and other stock look equally well. When it is taken into consideration that all this is accomplished when they are in the midst of rebuilding operations it proves that there is a full-fledged gardener managing affairs. Two new houses have just been completed, with others following. The old plant looks more like Port Arthur after its fall than anything else imaginable, but wonderful to relate after being in use for sixteen years or more the sash bars are in almost perfect condition, being of the best white pine.

Mr. Graham had a narrow escape recently from a fire caused by spontaneous combustion. It happened in his coal pile. About two car-loads of bituminous coal were stored away when one of his sons found smoke emerging therefrom and upon examination found it on fire. A fire engine extinguished the blaze.

Isaac Kennedy, who recently assumed the management of the Essex Greenhouses, is getting his stock well under way for the coming season.

The convention contingent has returned and all are high in their praise of the way they were treated. Cleveland was fairly represented, having nearly twenty in attendance. The bowlers did not make a very good showing. Wait until next year.

We are well pleased with the selection of Mr. Kasting for president and all wish him unbounded success during the coming administration. The next convention city will be quite near home and great things will be done along the bowling line. FOREST CITY.

Bicknell, Ind.—F. C. Winter is making preparations to put up a large greenhouse here.

North Adams, Mass.—F. H. Pratt, the Ashland street florist, has purchased the greenhouses and land which he has occupied for two years. He will erect a large addition to the plant and install a new boiler. This is a very valuable and desirable location, as the main trolley line passes the door. Mr. Pratt is to be congratulated upon his good luck in securing it.

Zanesville, Ohio.—At the flower show given on August 16, in the Market house, the display of plants and cut flowers made by the children of the various schools attracted much attention. All the plants and flowers shown by the children were grown from seed given them last spring by J. D. Imlay. The affair has awakened so much enthusiasm that larger quantities of seed will be distributed next spring and another exhibition given. J. D. Imlay, R. A. Edwards and F. C. McCaslin made good displays and Thos. Goodlive showed some well-grown geraniums.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A single man to grow roses and carnations and general line for retail trade; 9000 square feet glass; wages $12.00 per week. F. W. Herleman, Marion, Ind.

WANTED—One second-hand No 16 or 17 Hitchings hot water boiler; must be cheap and in first-class condition; quote price at once. Emma R. Ogborn, Knightstown, Ind.

WANTED—Retail salesman and cut flower worker; must be competent, good character and strictly sober; permanent place and good wages. W. H. Culp & Co., Wichita, Kan.

WANTED—To rent, greenhouse; from 5000 to 10,000 feet glass with good heating apparatus; without stock; state particulars. Address F. Aldrich, 303 So. Franklin St., South Bend, Ind.

WANTED—A first-class grower of carnations, mums and potted plants for commercial place in Chicago. Address No. **93**, care Florists' Review, Chicago.

WANTED—Energetic young man for general greenhouse work; give references and wages expected with board and room. J. W. Margrave & Co., Hiawatha, Kan.

WANTED—A rose grower and a carnation grower for the west; must be first-class men. Address No. **76**, care Florists' Review, Chicago.

WANTED—Competent man to take full charge of established retail business; must be reliable and trustworthy; age 25 to 35 years. Charles H. Fox, 21st and Columbia Avenue, Philadelphia.

WANTED—Young man well up in the retail business, both in greenhouse and store; state wages with room and board and give references and experience in first letter. Address No. **87**, care Florists' Review, Chicago.

WANTED—A successful rose propagator as assistant; first-class references required; young married man preferred; good chance for advancement for right man who is not afraid to work. Chase Rose Co., Riverside, Cal.

WANTED—Young man who would like to go to best part of Florida this winter, for light work; must come Sept. 15; board and room; state wages expected; also have room and board for two young people. Theo. Miller, P. O. Box 161, Palm Beach, Fla.

WANTED—I have an established trade that calls for more and better stock than my present glass can supply and I want a good all-round grower to take a financial interest in the business so that it can be enlarged to meet the requirements. The greenhouses are located in a thriving town of 13,000 and there was never a better opportunity for a live, energetic grower than this. If you are interested write me and I will give particulars. Address No, **88**, care Florists' Review, Chicago.

WANTED—To correspond with a working florist who has some money to invest. Thos. W. Long, Charlotte, N. C.

WANTED—A1 rose grower; a steady and desirable position for a good man. G. Van Bochove & Bro., Kalamazoo, Mich.

WANTED—Gentleman who can take entire charge of a retail seed store; state age, whether man of family, nationality, amount of experience and former employers; salary capable of earning. Address No. **97**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman on commercial place, by a middle-age, single, all-round florist and gardener; grower of first-class stock of all kinds of cut flowers, bedding and stove plants; able to take full charge; good designer and landscape gardener; competent to build up trade to satisfaction of employer; good references. Address Florist, 441 Euclid Avenue, Cleveland, Ohio.

FOR RENT—13,000 feet of glass, planted with carnations; all in good order; $500 buys all stock, etc. Address No. **94**, care Florists' Review, Chicago.

FOR RENT—My store and greenhouse; well stocked with decorative plants and florists' supplies; established 1885. Address The Flower Store, 1740 Main St., Jacksonville, Fla.

FOR RENT—At Frederick, Md., greenhouses, 18x63, 12x102, 20x162; boiler room, 18x60, equipped with a No. 8 Furman boiler and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure; labor cheap, city water; no stock on hand; rent $300 per annum, half payable in advance every six months; ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. Henry Trail. Frederick, Md.

FOR SALE OR RENT—Three greenhouses and stock of plants, situated in town of 5000; good location; new business; no competition within 100 miles; will sell at a bargain or rent, as must change climate for health. Write to Mrs. M. Iris Brown, Union City, Tenn.

FOR SALE—Glass and wood in greenhouse, 180 x 20; 10 x 12 glass. George Cartwright, Dedham, Mass.

FOR SALE—Bailey's Encyclopedia of American Horticulture; 4 volumes; brand new; $10.00. Address No. **98**, care Florists' Review, Chicago.

FOR SALE—One 12-section Royal hot water heater; good as new; price on application. Write to The H. Keitsch & Son Co., 810 Main St., Buffalo, N. Y.

FOR SALE OR RENT—Between 25,000 and 30,000 ft. of glass; well stocked and equipped; near Chicago; only responsible parties need apply; for further particulars address Geo. Harrer, Morton Grove, Ill.

FOR SALE—One 12 H. P. upright tubular boiler, price, $70; one hot water steel boiler, upright, return flue, magazine feed, hard coal or coke, price, $60; both in good repair. Llewelyn, Florist, Olean, N. Y.

FOR SALE—Greenhouse plant, 18,000 ft glass; 40,000 carnation plants; abundance of water; dwelling, 9 rooms: stable, etc; all facilities good and everything in good condition; all in fee. E Woodfall, Glen Burnie, Md.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—20,000 Excelsior carnation supports, used one season, 14 in. long, $6.50 per 1000; 21 in. long, $7.00 per 1000; horizontal tubular hot water boiler, used but a short time, will heat 8000 sq. ft. glass; f. o. b. St. Louis. $75.00. James W. Dunford, Clayton, Mo.

FOR SALE—Flower store in live Massachusetts town of 3500 population, 21 miles from Boston; commands a trade of a radius of 60 miles; business established 12 years; reason for selling, have other business to attend to; price, $1000 cash. Address No. **95**, care Florists' Review, Chicago.

FOR SALE—1000 ft. 4-in. cast-iron pipe, spigot ends to be cut, 6 cents per foot; Davis duplex belt pump, 2½-in suction, 2-in. discharge, $60; Baldwinsville centrifugal pump, 3-in. suction, 2-in. discharge, $25; American Blower Co. low pressure steam engine, 10 to 20 lbs. steam, 4 to 15 h. p., $150. C. & G. L. Pennock, Lansdowne, Pa.

FOR SALE—The Alameda Greenhouses, Roswell, N. M.; a good florists' business in a western city of 8000; well established trade and prospects for future bright; 300 miles from any other greenhouse; 9-room dwelling, barn, artesian well; hydraulic ram pumps water to 2 large tanks; 50 0 feet of glass; water heat; 9 lots, 50x160 each; have a good catalogue business; will sell for $12,00 cash; don't write unless you mean business. Mrs. J. P. Church, Roswell, New Mexico.

FOR SALE—Glass, 8x10 inches, $2.00 per 100; $15.00 per 1000. Batavia Greenhouses, Batavia, Ill.

FOR SALE—On account of old age and bad health, I wish to sell my greenhouses and gardens; 21 acres of land, 6,000 feet glass; latest improvements and modern in every respect; stocked with flowers and shrubberies; 3 residences, stables and out-buildings of all kinds necessary; will lease or give a good man with some capital an interest; must be up-to-date and capable to manage the business. Address P. O. Box 154, Memphis, Tenn.

FOR SALE—Greenhouses; owing to entire change of business we offer for sale our nearly new, up-to-date, first-class greenhouse plant consisting of three greenhouses—25x100, 21x120, 21x50 all connected to boiler house, 24x28, with one 20 horse-power Hodge boiler and one 50-in 9-section Richmond boiler; either boiler of sufficient capacity to heat the entire plant, and been used two seasons; all fitted up in first-class order for business; will sell as it is, or without the land, to be taken down and removed. For particulars apply to W. H. Tarbox & Son, Fryeburg, Maine.

FOR SALE—A good paying greenhouse establishment of 8000 ft. double thick glass; everything in good running order and in first-class repair; well stocked with carnations, roses, violets and bedding stock; located in a thriving prosperous north eastern town of 10,000 population, which is also the trade center for a large adjacent territory, including a number of fine summer resorts, where quantities of bedding stock is used; a good established business on a paying basis and one which can be largely increased; connected with above is a seed and plant catalogue businesswith full equipment which will be sold separately or in connection with the plant. Address No. **92** care Florists' Review, Chicago.

WANTED.

A man experienced in firing greenhouse boilers burning buckwheat coal; must be sober and steady. Address

HARRY SIMPSON, Supt.
Bucks Co., Edgely, Pa.

Help Wanted

Good grower of carnations, mums and general greenhouse stock; also a good propagator; good chance for the right man.

H. O. HANNAH & SON,
Sherman, Texas.

Mention The Review when you write.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review Chicago.

FOR SALE

A florist establishment of 5000 feet of glass in a good business town and surrounding towns of 25 000; 18 miles from Pittsburg; no competition; everything in al shape; good reason for selling; and don't write unless you have cash and mean business. For particulars, address

No. 96, care Florists' Review, Chicago.

FOR SALE CHEAP

HOTBED SASH—50 new sash, 3x6 feet, cypress, glazed with 12x14 double strength A glass; painted three coats, best white lead and oil; just bought, cost us $3.75 complete; will sell this month for $2.25 apiece; 25 or more at $2.00. Also 50 sash, same size, bought 2 years ago, the entire lot to any party at $1.00 a piece. Sash are easily worth double the money. Satisfaction guaranteed or money refunded. **CASH**

Clifton Hill Floral Co., Omaha, Neb.

WANTED

Carnation grower, night fireman and young men with some experience in growing roses and carnations; state age, experience, salary, etc.

W. K. PARTRIDGE, Cincinnati, Ohio.

WM. FENDLEY.

Wm. Fendley, president-elect of the Canadian Horticultural Association, started in the cut flower business twenty-one years ago with the late H. Dale. After working for that gentleman for a few years, he started for himself, building a small greenhouse 10x12 feet the first year. The following year he built one more, 20x50 feet, growing carnations and violets and since then he has increased his plant every year up to the present time. He now has nineteen houses, averaging 200 feet in length, which are nearly all devoted to carnations and violets. Eight of these houses are the latest improved iron construction and all the up-to-date improvements, having cement sides to beds and glass partitions between every four houses. Some six years ago he became a member of the C. H. A. and has never missed a meeting, attending every session and, to quote Mr. Fendley, "Often thought I made myself too much heard by wanting to thresh out every argument that would arise." Mr. Fendley will make a good president and well deserves the honor that has been bestowed upon him.

FERTILIZERS IN GREENHOUSES.

[A paper by Wm. Downing, foreman for H. L. Janzen, Berlin, Ont., written for the Canadian Horticultural Society at the Montreal meeting, August 8 to 10, 1905.]

(CONTINUED FROM LAST WEEK.)

The next most important of manures is the phosphatic class. We have seen that the present day guano is largely of this class of manure, so need only add that it may be used for either purpose.

The usual fertilizer of this class is some of the various preparations of bone. It is common to apply bone meal as a fertilizer, but being only slowly available it is not to be unreservedly recommended, as it is to supply immediate wants that we require in a fertilizer. Superphosphate of lime is the best to recommend and is made by the treating of either bone or some mineral phosphate with sulphuric acid, thereby causing a reduction of the tricalcic phosphate into a monocalcic which is readily soluble in water and which can be taken up by the plants. All the bone products are valuable as phosphatic fertilizers but in comparison with the superphosphate are slow in action.

Of the fertilizers used to increase the quantity of potash in the soil the one with which I am best acquainted is kainit, having used this in conjunction with basic slag as a slayer of ell-worm. But as to results, as far as this is concerned I am not prepared to state. One individual remarked the kainit tickled their tails and the basic slag chocked the ell-worms when they laughed. This is by the way. The manure is of considerable value, containing about twenty-five per cent of potash and is the base of sulphate of potash, which when pure contains fifty-four per cent.

Wood ashes are very commonly used as a means of supplying potash, but may be made of much greater value by mixing with organic matter and lime. During the decomposition nitric acid is formed, which combines with the lime. This again is decomposed by the carbonate of potassium (wood ashes) forming the nitrate. The whole mixture forms an excellent fertilizer.

In giving the various staple products offered as manures, I do not wish to imply that other chemical manufactures are not of value, for many are perfect, while none of those mentioned in this paper, probably excepting some of the fish refuse manures, could in themselves be considered to contain all the requirements of a plant food. It is only by the use of combinations that perfection can be obtained. As an example, liquid manure only containing nitrogen in solution, it is necessary to add phosphate to produce the greatest benefit. In fact, nitrogenous manures cannot be so readily taken up, if the soil does not contain phosphate in some quantities.

It is only by attention to the experimental side of the subject that we can become conversant with what is most required by the different plants and also by the various soils at one's disposal. A grower having a clay loam to work upon would not need to add potash, except under exceptional circumstances, while one with a sandy loam would derive considerable benefit therefrom.

In conclusion, as florists we do not take sufficient interest in the chemical composition of our working apparatus and if all are as ignorant of the subject of fertilizers as I find myself upon tackling this paper I would suggest that a course of lectures be delivered at the various clubs during the winter, thereby elevating the status of the profession above the grubber of soil.

FRANKFORT, KY.—Henry Krebs has rented the greenhouses of E. C. Henry and will continue the business.

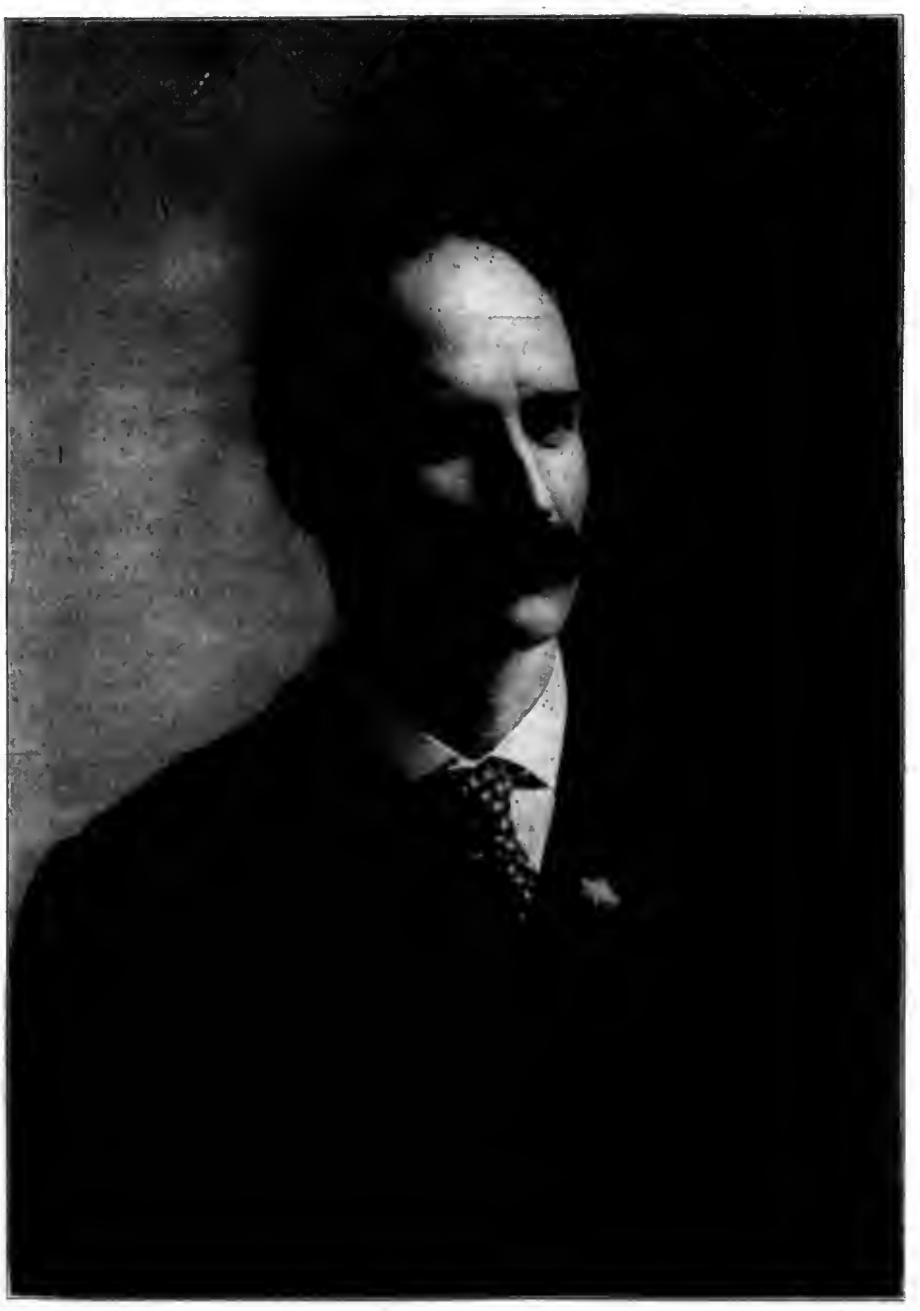
HOW TO GROW NEPHROLEPIS.

[A paper by Joseph Bennett, of Montreal, read before the Canadian Horticultural Society at the Montreal convention, August 8 to 10, 1905.]

I suppose this question refers to the varieties of nephrolepis that we florists grow for sale, and commonly known as the sword or Boston fern and its sports. I do not pretend to be an expert on this question, but will tell you how I generally grow them.

In the first place, if you want to get up a stock, plant out some on a bench and let all the runners grow. You can get a large number of young plants from 100 square feet of bench. Use any ordinary soil with some grit or sand in it. Three inches of soil on the bench is quite sufficient. Don't shade the plants unless the glass is bad, and then as little as possible. If planted early in the spring you will soon get a lot of runners large enough to take off and replant in another bench, or pots if desired.

Having young stock ready, you must make up your mind whether you will replant in a bench or put in pots. If you use the bench just plant as at first, shade for a few days, and keep all runners cut off. By the first of September they should be ready to pot, and you can then make up different sizes by putting some singly in pots and some two or three plants together, according to sizes wanted. I think bench plants should be potted not later than the first week in September, in order to give them a good



Wm. Fendley.
(President Elect Canadian Hort. Association.)

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

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PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Long	$4.00
Fair length	$2.00 to 3.00
	Per 100
Brides	$3.00 to $5.00
Bridesmaids	3.00 to 5.00
Liberty	3.00 to 7.00
Kaiserin	3.00 to 7.00
Golden Gate	3.00 to 5.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Gladioli, common	1.50
" light colors	2.00 to 3.00
Auratum Lilies...doz., $1.00-$1.50	
Valley, our speciality, best	4 00
Daisies	1.00
Smilax..... per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string, 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns.....per 1000, $1.50	.20

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chance to get well rooted in the pots before being sold.

Should you decide to grow in pots instead of on the bench—and I believe you get the best results that way, though it is more trouble—put the plants into pots in similar soil, but be sure that the pots are well drained. I like to give a little shade to pot plants in very warm weather, as that prevents them drying out so much, also plunge the pots into ashes if possible, as it helps the plants by keeping the roots cool and also keeps the plants from getting upset by the force of the water when syringing them. It is very probable that your pot plants will look a little pale during summer, especially if they are in any way pot-bound, but that is very easy to correct. Give them a little fertilizer once or twice a week and the color will soon be all right. I may say that if you want to get good plants in small pots it is quite necessary to use fertilizer all the time after the pots are full of roots.

There are several sports from the sword fern. Piersoni I was much disappointed with the first year. I planted it out in a bench and when we potted it the fronds were so long and heavy that they broke with their own weight. Possibly I may have shaded too much and helped the above results. The second year I grew it in pots all the time and the result was quite different. I should strongly recommend this sort to be grown in pots and only planted out to get stock. Scottii is a variety which can, I think, be grown with success either way and will in time, I believe, give the Boston a very hard run for first place as a popular plant. With me so far it has done very well, but the color has not been just to my satisfaction. I intend trying to get it a nicer green with some "stuff" I have received from Toronto.

The variety Elegantissima is very nice for a private place as a variety, and perhaps to make a specimen of, but I question very much if any of the sports will oust the Boston from its present place, without it be, as I said before, the variety Scottii.

That is about all I know, and I will briefly sum up with this advice as to how to grow nephrolepis: Grow them in pots if you can give them the necessary attention, but if liable to be neglected plant them out on a bench. Give plenty of room and keep them well syringed to keep clean, and keep all runners cut off. Pot them as early as possible in the fall, as they ought to be well rooted in the pots before being sold.

CARNATION NOTES.—WEST.

Wood Lice.

If your houses are a few years old you may be troubled with a pest which is very common on old places. That is wood lice or sow bugs. These bugs are most common around any kind of decaying matter especially old rotten wood. While they are by nature scavingers, yet at the same time they do like to get hold of our young tender plants and chew them up. The worst time we have with them is usually during the first month after planting the carnations. You may notice their presence by the chewed foliage on the plants and if you do not stop them they will eat up all the plants. The best way to get rid of them, we find, is with Paris green and sugar. Any kind of sugar will do, but granulated will not get so hard as the softer grades, in case you have any left to be used later. Put the sugar in a box and sprinkle over it some Paris green, enough to give it a good light green color when mixed. Shake the box well so it will become thoroughly mixed. In the afternoon when the boards are dry and no more watering is to be done that day, go along and drop a little every few feet on the edge boards on both sides of the bed if possible. In fact drop some any place where you think they will get hold of it. They like the sugar and will leave the carnations for it. Don't expect to get them all the first dose, though, but repeat it until you can see that your plants are free from them.

About the first of September or when the plants have taken a good hold on the new soil you should begin spraying them with nicotine. If the plants are free from insects, especially thrips, one dose each week will be sufficient, but if you can see any thrips it will be well to go for them strong right away and get rid of them before the plants are making buds. Not only will it be easier to reach them when there are no buds, but you will save your early blooms as well. This is one kind of insect which is very stubborn and it must be fought relentlessly until it is got rid of, else the damage he will do you will be enormous compared with his size. You will find him especially fond of Mrs. Lawson.

We like the spraying much better than fumigating with smoke or vapor. It is more effective and can be done with the ventilators open, enabling you to do it toward evening or in the morning of the hottest days. In the winter it does not cause sleepiness of the carnation blooms like smoking, which alone will pay for the extract. Then again you can do your spraying and in an hour you can go ahead and cut blooms and no odor will cling to them, which makes it possible to do it regularly and systematically. When we used to smoke with tobacco stems we had a certain day for it and we tried to live up to it, but there would come a time when blooms were scarce and customers would want all we could give them the morning after the smoking day and would order them a day or two ahead. Of course no smoking could be done that day so it would be postponed a day, only to be postponed again and again until the plants would be in danger of being carried off bodily. We have seen this happen over and over and on many different places and while we know that it should not be, yet it is a fact and it did happen on the best places, too. With the spraying all this trouble can be avoided as it can be done regularly, and it will pay for itself many times over in blooms saved as well as in keeping the plants clean and healthy.

After the plants have taken hold and if there is no red spider on them you need not syringe them so much. In our vicinity when the days are warm and bright we like to spray them overhead in the morning and wet down the walks in the afternoon. This gives the plants a chance to dry off well before evening, but does not allow the atmosphere to become so burning hot as it would without the damping of the walks. On cloudy days of course this is dispensed with and only the dry spots are watered without wetting the plants. A. F. J. Baur.

Don't Guess About It

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We won't keep you guessing.

You can be sure of our flowers when you sell them because we are sure of them when you buy them.

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AMERICAN BEAUTIES—	
36-inch stems	$3.00
30 " "	2.50
24 " "	2.00
18 " "	1.50
12 " "	1.00
Short "	.60
ROSES—	Per 100.
Maids	$2.00 to $5.00
Brides	2.00 to 5.00
Killarney	4.00 to 8.00
Liberty	3.00 to 6.00
Golden Gate	3.00 to 6.00
Chatenay	3.00 to 6.00
CARNATIONS—	
Fair Stock	1.00 to 2.00
MISCELLANEOUS STOCK—	
Valley	3.00 to 4.00
Auratum Lilies	10.00 to 12.00
Easter Lilies	10.00 to 12.00
Asters	.75 to 2.00
Daisies	.50 to 1.00
Gladiolus	2.00 to 4.00
Tuberoses	5.00 to 6.00
DECORATIVE—	
Ferns	.15
Sprengeri	2.00 to 4.00
Asparagus Strings	25.00 to 50.00
Adiantum	.75 to 1.00
Galax	.15
Smilax	10.00 to 12.00

Subject to change without notice.

NEW ORLEANS.

The gardening business is quite important in New Orleans. Perhaps no other city in the Union has so many gardeners attending to private places by the month and all the year around. In the north the lady of the house takes care of the garden. She cannot do that here, as the grass is too tough and the sun too hot. From a few who were in the business some years ago they can be counted now by the hundreds. Just now they are very busy. They charge from $1 to $20 or more by the month, according to the size of the place, cleaning the garden once a week. Some are satisfied to work by themselves, while many others employ several hands, and all seem to do very well in the business.

Chas. Ebele just came back from a month's trip in the north. He is well pleased with what he has seen at such places as H. A. Dreer's, Joseph Heacock's and Godfrey Aschmann's, around Philadelphia, and many others in other places. He says he found the business home as good as anywhere else. His two sons had charge of his establishment during his absence.

J. St. Mard is pushing his chrysanthemums. He is a good grower, having every year a large quantity of good flowers ready for All Saints' day. His plants are raised outdoors and covered with sashes when the buds appear. On another page you will find a view of how they look when ready for the market.

Armand R. Kerlec who was conducting a seed store near the corner of Decatur and Ursaline streets in this city, died last Friday from yellow fever. He was a young man, twenty-five years old, having succeeded his father, who was a Frenchman, who learned his business in the old country, and was employed at one time with the seed house of Vilmorin-Andrieux & Co., of Paris. He was an enterprising young man and was helped in the business by his mother and sisters, they attending to the flower department. His mother had a stand of cut flowers at the French market for a long time. His death will be deeply lamented by his family, his friends and the trade, being a young man with a bright future before him. He leaves a widow and two children.

P. A. Chopin says business is just as good as can be expected for this time of the year. He is busy now giving the last touches to a pamphlet on flower decoration, cut flowers and flower designs of all kinds, to be distributed principally among his New Orleans customers. He wants to keep the New Orleans people well posted on what is new and fine in the art of using flowers and plants for bouquets and decorations. The book will be profusely illustrated and handsomely printed.

Frank Taisel will remodel his office in front of his greenhouses, making it modern and up-to-date. His stock is in fair condition.

All our growers seem to be full of hope for a grand display of plants at our next flower show in November.

About the water hyacinth I would say that it has completely disappeared in and around New Orleans. It was at one time so thick in the canals in the city that with a small plank thrown over a person could walk across, and in the bayous going to the gulf the navigation was almost stopped. No more of it can be seen now. I am not able to say that we owe its eradication to the engineer's office of the war department, but I hope that the marine hospital service will have as much success in destroying the mosquitoes, and then Louisiana will be all right.

M. M. L.

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Stoneware Vases of Antique Designs

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CARD OF THANKS.

Dear Mr. Editor: I beg the courtesy of your paper to extend to the ladies of the S. A. F. and O. H. my thanks and appreciation for the beautiful present they so kindly made me while attending the convention last week in our city. I was so surprised that I could not find words to express my feelings when the presentation was made, therefore I apply to you and your columns as a means of conveying my thanks to all, especially to the originators of the idea. Yours sincerely, MRS. JOSEPH R. FREEMAN.

Washington, D. C.,
August 20, 1905.

DEERFIELD, ILL.—Haggie Bros. are putting in foundations for a new greenhouse establishment.

Headquarters for CUT FLOWERS

We are receiving an extra fine lot of **MAMAN COCHET ROSES,** in both pink and white. These roses ship far better and have much finer buds than either Brides or Bridesmaids at this season of the year. Prices ranging from $2.00 to $6.00 per 100.

ASTERS of all descriptions: Ordinary, 60c to $1.00 per 100; Fancy, $1.50 to $3.00 per 100.

BRIDES and MAIDS, $2.00 to $5.00 per 100.
METEOR and LIBERTY, $2.00 to $6.00 per 100.
AMERICAN BEAUTY, 75c to $3.00 per dozen.

ALL OTHER CUT FLOWERS IN SEASON

HEADQUARTERS FOR FANCY FERNS, $1.25 per 1000.

VAUGHAN & SPERRY, 60 Wabash Ave., Chicago

CHRYSANTHEMUM QUERIES.

I am much pleased with the chrysanthemum articles published in the REVIEW. I have eighty-two varieties growing for the wholesale market in Los Angeles, and am not certain about the time to take the buds on some of them and on some I do not even know what bud to take. I am growing them out in the field in double rows alternating, with three feet between double rows and allowing fifteen to twenty inches between plants, and am growing three shoots to each plant. Occasionally I find a tip with a little mark down the side. It looks as if it had been cut lengthwise with a knife and causes the shoot to grow crooked at that part and I am anxious to know how to prevent it. I began planting in April and planted 1,000 each of Wm. Duckham and Enguehard during the first week in July. The ants (little ones) have killed some ten or twenty of the April plants, which are now five feet high, by working on the roots. What can I do?

Would I be expecting too much to ask you to give me information as to what buds to take and when to take them in this part of the country? If you are not acquainted with them all or have not got the time, why please do the best you can for me. This is my first experience raising blossoms for the market and I want to sell good, big, fine ones or none at all. How much ahead of the eastern season is that of southern California?

AN INFANT IN MUM CULTURE.

I have to thank "An Infant in Mum Culture" for an interesting letter on his experiences in growing chrysanthemums in California and in taking up his queries in an endeavor to assist him, if possible, I would say that I have no experience whatever with a California climate and cannot tell how it compares with the east. Possibly some grower from that state will enlighten us.

The bud question we discussed in these notes last week quite a good deal, and our "Infant" may perhaps find some information therein. I have given an approximate date for the list of varieties sent by him after which time it is safe to take the buds here and I do not see that conditions should be so very different in his case.

Variety.	Time to take bud.	Bud to take.
Silver Shield	Sept. 1	
Silver Wedding	Sept. 1	
John K. Shaw	Aug. 20	
Willow Brook	Aug. 20	
Monrovia	Aug. 10	
Kate Broomhead	Sept. 1	
Omega	Aug. 15	
*Col. de Appleton	Aug. 10	
Ivory	Sept. 1	
Polly Rose	Aug. 20	
Marie Liger	Aug. 20	
Philadelphia	Aug. 20	
Marquis de Montmort	Aug. 10	
Maud Dean	Sept. 10	Terminal
†Lavender Queen		Terminal
Timothy Eaton	Aug. 25	
C. Holst	Sept. 1	
Wm. Simpson	Aug. 10	
Mme. F. Bergmann	Aug. 10	
W. Bonnaffon	Sept. 1	
Mrs. Thirkell	Aug. 10	
Pink Ivory	Sept. 1	
Geo. W. Childs	Sept. 1	
Lady Fitzwygram	Aug. 10	
Major Bonnaffon	Aug. 25	
Modesto	Sept. 1	
Opah	Aug. 20	
Vivland-Morel	Sept. 1	Late crown
Gold Mine	Sept. 1	
Mrs. H. Robinson	Aug. 20	
W. Dean	Sept. 10	Terminal
Ben Wells	Aug. 20	
Golden Wedding	Aug. 20	
Helen Bloodgood	Sept. 10	Late crown
Good Gracious	Aug. 25	
Niveus	Aug. 25	
The Bride	Sept. 1	
Thornden	Sept. 1	
Bertha Welch	Sept. 1	
Autumn Glory	Aug. 20	
Miss Minnie Wannamaker	Sept. 1	
Mrs. Perrin	Sept. 1	
Lillian Bird	Sept. 1	
Harry Wilder	Sept. 1	
The Queen	Sept. 1	
Convention Hall	Sept. 1	
Mrs. Winthrop Sargent	Aug. 20	
Black Hawk	Sept. 1	
Fisher's Torch	Sept. 1	to 10
Edgar Sanders	Sept. 1	to 10
President Wm. R. Smith	Sept. 1	to 10
Robt. M. Grey	Sept. 1	to 10

*Bud to take.—Late crown or terminal.

†Time to take bud.—As late as possible for late flowers.

All kinds may be taken on crown buds if crowns appear after date mentioned.

The question of which bud to take is not of so much importance as the time it is taken. The early dates given are all for early varieties and late dates for late varieties. Infant will probably revise his list somewhat as a wholesale grower for another year, the demand for kinds like Robert M. Grey being limited, but I think he is wise in not cutting down the list to one or two varieties because this narrows the market down to an immense quantity of a few kinds, whereas when the market is broader in range of color and shape, a glut is more easily handled.

The mark on the stem spoken of is made by a thrip which operates in the extreme tip of the shoot and is so small as to be hardly noticed. Spraying with To-bak-ine liquid or some other of the tobacco extracts will make things unpleasant for him.

Regarding the ants a good mulching with tobacco stems should, I would imagine, make things so warm that the ants would move out. If the nests are not too numerous boiling water should easily destroy them.

I understand that many of the chrysanthemums are raised in the open ground in California. Here in New Jersey outdoor culture even during the summer is virtually impossible owing to the number and variety of insects that infest the plants not to mention the rust that appears in wet seasons.

CHARLES H. TOTTY.

A LATE START.

We are putting up two small rose houses and will have them finished in a week or so. Is there any way that we could stock them with roses now so we could have them for winter? We have never grown roses, but know of course that the general stock was in long ago, but thought maybe there was some way we could manage to get them in.

W. T.

Very frequently it is impossible to plant new houses as early as is required for best results, but by planting strong young plants from 3½-inch or 4-inch pots early in August and giving good culture it is usually possible to get a fair return before the end of the season, but if planting cannot be done at once it would probably be better to give the space to some other crop for which you have a market, say lilies followed by bedding plants, which will permit a more timely start next season. H. O.

NASHVILLE, TENN.—Joy & Sons Co. has secured a permit and will immediately begin the erection of a handsome two-story brick store at 209 Sixth avenue, North.

We Are Ready

To **take better care** of our customers than ever, as we are now cutting heavily from our **New Crop of ROSES,** which is **the best** to be found on the market. We are especially strong on

Bride, Maid, American Beauty, Liberty, Chatenay, Uncle John and Richmond.
Carnations—Of all the leading varieties in season.....

In addition to the cut from **our own large place** we shall have the product of **several first-class growers of Roses.** And we shall have **other new consignors** who are growers of **high grade CARNATIONS and other stock.** We shall be in a position to give you the best the market affords at fair prices, and would like to add you to our list of satisfied customers. We can do it if you give us the opportunity. Write us about it. We make no charge for P. and D. on orders amounting to $4.00 and over.

J. A. BUDLONG

37-39 Randolph St., CHICAGO

Mention The Review when you write.

CINCINNATI.

The Market.

Business the past week showed considerable improvement. The demand was mostly for funeral work and it used up about all the stock that the commission houses received. The price steadied also, and in some cases increased.

The supply of roses was fair. The cut from new stock is increasing in quantity and quality. Beauties head the list and some really good stock is to be had. It sells first-class. Brides, Maids, Kaiserins, Gates, etc., all sell well and the price has advanced.

Some field-grown carnations are in the market, but there are but few that can be called even fair. They sold well in spite of bad quality.

Asters have been scarce and owing to the good demand for them the price advanced sharply. The prospects are for a heavy cut of them for this week, as the late varieties are being cut now.

There are some very fine gladioli in the market, but they do not sell as well as they did last year. Most of the time it is very hard to move them. Lilies are in good demand and fair supply. Other mixed stock sells readily. All kinds of green goods sell well and smilax was not equal to the demand.

Various Notes.

The floral exhibit of the Oakley fair was a great success this year from every point of view. The display of flowers was far in advance of that usually seen at county fairs. There was keen competition also and as $500 was offered in the various premiums, it was worth while. The awards were as follows: Best collection of plants, first, George & Allan; second, George Maguire. Best single plant, first, George & Allan. Best collection of begonias, first, Henry Schwarz. Best fern, first, George & Allan. Best geraniums, first, George & Allan. Best collection of palms, first, George & Allan; second, George Maguire. Best hanging basket, first, Henry Schwarz. Best collection ferns, first, George & Allan. Best floral design, first, George & Allan; second, Henry Schwarz; third, George Maguire. Best lodge emblem, first, Henry Schwarz; second, George & Allan. Best original design, first, Henry Schwarz; second, George & Allan. Best display of asters, first, George & Allan; second, Edith Kyrk. Best display tuberoses, first, George & Allan; second, George Maguire. Best display carnations, first, Edith Kyrk; second, George & Allan. Best display of roses, first, Edith Kyrk; second, George & Allan. Best display gladioli, first, Edith Kyrk; second, George & Allan. Best display lilies, first, George & Allan; second, Edith Kyrk. Best display valley, first, George & Allan; second, George Maguire. Best general display, George & Allan.

W. Murphy, C. C Murphy and W. H. Gear have gone on a trip among the northern lakes.

Frank Benson is busily engaged in fixing up his store, which will be a very pretty place when completed.

At the recent meeting of the Cincinnati Florists' Society, the following officers were elected to serve the ensuing year: Wm. Murphy, president; Ben George, vice-president; C. J. Ohmer, secretary, and D. Rusconi, treasurer.

C. J. OHMER.

JAMESTOWN, N. Y.

We are experiencing a fine growing season for plants, all stock outdoors being in splendid shape. Cool nights and occasional rains are well suited to perennials, which never looked more showy than at present. Hardy phlox fairly luxuriates here, making a glorious show in its varied colors. This is the home for hardy annuals; balsams, sweet peas, nasturtiums and the like flourish here as I have never seen them elsewhere. Asters look grand in the open. Vick's Snowdrift and Mott's Queen of the Market are the earliest whites, being in bloom July 15.

Chautauqua has had a good season. The floral displays eclipsed anything yet seen. H. W. Girton, of Ridgeway, had charge of the grounds. The lawns never looked better.

Two items worth special mention are the grand beds of tuberous-rooted begonias in the grounds of A. M. Kent, of this city. Each bed is planted in separate colors, making a long and continuous display. The other is a magnificent bed of Impatiens Sultani, a round bed about fifteen feet across the center, a naturally formed mound rising to about three feet, edged with Centaurea candidissima. It is most effective. Impatiens Sultani is one of our most common and desirable popular flowers. The bed described is in the garden of E. W. Jones, Celoron, where there is also a fine display of hardy aquatics, originally from Dreer.

Vegetable crops are satisfactory. Good seeds, rich soil and favorable weather are the necessary ingredients for a good crop. These we have with one exception, corn, which outside the early sweet

Auratum Lilies, $12.50 per 100
Colored Carnations, $7.50 per 1000
GLADIOLUS, $2.00 per 100
SHORT BEAUTIES, $3.00 per 100

A. L. RANDALL CO.
WHOLESALE FLORISTS
19-21 Randolph Street, CHICAGO.

Mention The Review when you write.

varieties will not ripen in time for harvesting ere Jack Frost pays us his usual September visit. Our latitude is high and seasons late. We were selling peas, beans, etc., as late as July 4, and lawn grass seed is sowed from spring until the snow flies.

We have been favored with many visitors who are charmed with our beautiful lake scenery. Among those in the trade are Chas. H. Keitsch and John Spiess, of Buffalo; Carl Merkel, of Mentor, O., and Geo. Wiegand, of Indianapolis, all of whom declare this an ideal spot for our annual convention when the big cities are done. W. M.

Standing Orders Wanted
HEADQUARTERS FOR AMERICAN BEAUTIES
We have fine crops of **BEAUTIES and TEA ROSES** and shall soon have plenty **CARNATIONS** and all other stock according to season. Our growers are among the best in the country and on quality of stock we cannot be beat.
We shall cater particularly to the shipping trade and we want **YOUR** standing order this season. Give us a trial, now or at any time, and you will find that our service is the best at your command. There are older houses but none better able or more anxious to please. No charge for P. & D. on orders of $5.00 and over.
L. D. Phone CENTRAL 3284. **ZECH & MANN, 51 Wabash Ave., CHICAGO.**

Mention The Review when you write.

Vegetable Forcing.

PREPARING SOIL.

The present is a good time to look to the turning over and preparing of the soil to be used for benches, etc., the coming season. The compost should have been got together some time ago, but should be turned over and well broken up now, so as to be in readiness when wanted. It is necessary that it be finely chopped so that the different ingredients are evenly mixed.

If barnyard manure was put in the compost at the time it was stacked up nothing else will be necessary for that part of it intended for growing lettuce, but for cucumbers and tomatoes the addition of some good commercial fertilizer will be an advantage. Bone meal or tankage (the latter a mixture of blood, bone and the waste from slaughter houses, which is dried and then finely ground up) we have found very good for this purpose. Either of these, added to the compost at the rate of about fifty pounds to the yard of soil, will make a good, strong soil and also has the advantage of causing the compost to heat sufficiently to destroy the larvæ or grubs of insects that would prove a detriment to the growth of the plants. The large, white grub of the May-beetle, which often proves a source of annoyance in greenhouse benches and is almost sure to be present in greater or less numbers in the sod, will not survive this heating of the soil, as they are soft and easily killed. Another advantage in mixing the fertilizer with the soil some time previous to using is that the heat will be spent before the compost is used and the heating has the advantage of so far decomposing the fertilizer as to render it in a state for assimilation as plant food sooner than it would otherwise be. When it is considered that the life of any forced crop is but a few weeks, it is apparent that the better fitted the fertilizer is for immediate service the more good the plant will get out of it and the less loss will result.

In benches or solid beds when the soil is not to be changed the same remarks practically apply, so that the present is a good time to dig in the fertilizer, so as to have the soil in the best possible condition when planting times comes.

W. S. Croydon.

ROOTING CHRYSANTHEMUMS.

Will you please give me some instructions about rooting chrysanthemums? I have never had any experience along this line and would be glad to know how to root cuttings in the open ground.

G. W. L.

It is now too late for propagating chrysanthemums for this year's flowering indoors or out, so it is perhaps hardly worth while going into the question in detail. While conditions in the south are very different to New Jersey, I think your correspondent would have much better success by knocking a rough frame together and putting this in a shady place and using a top made of burlap fastened to a framework of wood to protect the cuttings from the hot, dry winds than he would trying to root cuttings in the open ground.

The main thing in rooting cuttings is to keep them from wilting and this is difficult unless shade and protection are afforded. Make the cuttings about 3 inches long from the suckers that appear around the base of the old plant and after putting them in the sand keep sprayed over several times a day until they begin to form roots. C. H. T.

A Daily Cut from 40 to 60 Growers
ATTACH THE SIGN OF QUALITY TRADE MARK
ROSES, CARNATIONS, ORCHIDS, ASTERS, VALLEY, GREENS, ETC.
Inside Chicago Market Quotations.
MOST COMPLETE LINE OF
FLORISTS' SUPPLIES
IN THE WEST. Catalogue free.
E. F. WINTERSON CO.
45-49 Wabash Ave, CHICAGO.
Established 1894.

NAME OF TWIG.

Will you please tell us the name of the enclosed twig, and how to propagate?

P. & P.

The enclosed twig is from a form of the hemlock spruce, Tsuga canadensis, either nana or parvifolia. The easiest method of propagation is by seeds sown in spring, either outdoors or in frames. Cuttings may also be rooted in a close, shaded frame, or the more uncommon types can be grafted on the ordinary Tsuga canadensis. Seed sowing is the best method of propagation, however.

W. N. C.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

C. N. PAGE, of the Iowa Seed Co., Des Moines, Iowa, was in Chicago for a few hours on Monday on his way home from the Washington convention.

THE proceedings of the 13th annual convention of the American Association of Seedsmen held at West Baden Springs, Ind., June 14 to 16, 1905, has been issued.

THE S. A. F. convention caught the New York seedsmen at a very busy time, main shipments of French Romans and many other bulbs coming to hand on the day of starting for Washington.

S. D. DYSINGER, who has been with L. L. May & Co., of St. Paul, Minn., for 22 years, has accepted a position as manager of the seed department of Sears, Roebuck & Co. This Chicago mail order house added a seed department to its business last spring.

REPORTS from the sections where cucumber seed is grown are to the effect that so far the fields look well and present indications point to an average crop. At this writing Long Green cucumber is the only variety that promises to be short.

A DELEGATION of Louisville, Ky., onion set growers visited Chicago last Saturday. They say the crop at Louisville is a good one as to quality, and not up to the average as to the number of bushels from a given acreage. They look for a good year, with prices advancing right along.

THE weather in the bean sections during the week has been reported good. A hopeful feeling as to the final outcome of the crop is entertained by most of the growers. If good weather will continue for two weeks more it will help things; unfavorable weather, on the other hand, would do more harm than could possibly be done at any other period of the growth of the crop.

ANSWERS TO CORRESPONDENTS

ANXIOUS.—It is not necessary to send to Boston for the beans. Those grown in Michigan will answer just as well.

BEGINNER.—Alaska peas can hardly be grown at so low a price as $1.25 per bushel. We would advise you to go a shade higher if you want the real thing.

SKEPTICAL.—If the man says he is a seedsman, that is no proof that you will get the worst of it if you buy your fertilizer from him.

INQUIRER.—We fear that the packet business offers little in the way of reward for a hustler. Your money would last longer if you banked it at 3 per cent.

FAIR PLAY.—Yes, we are of your opinion. The free distribution of seeds does work a hardship on those who fail to receive their package.

GRINNELL, IA.—A. B. Mack died August 10. Mrs. Mack conducts a flower business and has many friends in the trade.

LEONARD SEED CO. CHICAGO

ONION SETS. Our crop is now harvested.
WHITE PEARL SETS Ready to ship. Write for Prices.
Flower Seeds and Bulbs

WHOLESALE SEED GROWERS.
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are still being booked.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

BUY YOUR SEEDS DIRECT FROM THE GROWER, **FRANCIS BRILL,** OF HEMPSTEAD, LONG ISLAND, NEW YORK.
Pioneer of the Cabbage Seed industry of Long Island, 1870, and the only one engaged therein having a Practical Knowledge of Seed Growing. The very finest strains of
LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
and other Choice Stocks for Truckers and Market Gardeners. Pricee reasonable. Quality Positively Unexcelled. Send for a price list. Address as above.

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VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.
Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

RELIABLE SEEDS

	Oz.	Trade pkt.
	1000 seeds	
Cinerara Hybrida, dwarf giant-flowered, finest strain, mixed	$0.75	
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate	5.00	
Myosotis, Winter Queen best for cut	.50	
Giant Pansies, unsurpassed quality.		Trade pkt.
Special Cemetery mixture	$2.50	$0.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassier's Giant mixture, improved	4.00	.50
Trimardeau Elite mixture	2.50	
Myosotis Alpestris Victoria, true	1.00	.25
Greenhouse Stocks for the Cut.		
Boston Market, white	3.00	.50
Cut and Come Again, white	2.50	.50
" " " lavender, pink, purple, carmine, each	3.00	.50
Excelsior, enormous pure white spikes	5.00	1.00
New Perfection, sky blue, extra	6.00	1.00

O. V. ZANGEN, Seedsman, Hoboken, N. J.

Mention The Review when you write.

Thorburn's Bulbs

We are now booking orders for
LILIUM HARRISII,
Lilium Longiflorum,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.
WHOLESALE PRICE LIST NOW READY.
CYCAS REVOLUTA
at $8.00 per 100 lbs.
J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

AMERICAN CLOVER.

The following is from a reeent consular report, written by the United States consul at Belfast, Ireland:

The United Kingdom is the largest single market for American clover seed, absorbing about one-third of the total exports. Of this quantity the largest portion is taken in England, but there is a good market for the seed in Belfast. The demand in the United Kingdom is irregular, being governed by climatic conditions. English clover is cut for hay in June, and the second growth is depended upon for seed. If the weather be favorable for the maturing of the seed the domestic supply reduces the import requirements, and vice versa. The largest imports are from the United States, the remainder coming from Chile, Germany, New Zealand, France and Canada.

As to the comparative qualities of the seed from the different sources, the English seed is regarded by English farmers as the best, as it is deemed larger, hardier, and is thought to produce the best plant. Chilean seed is regarded by the more advanced farmers as equal to the English, but it contains seeds of dock and dodder. The dodder does not germinate here, but the dock does. Canadian seed is held

Cyclamen Seed
FRESH CROP. Clean, Plump Seed
These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.
BAUR & SMITH
38th St. and Senate Ave., Indianapolis, Ind.

Queen Beatrice

in high esteem, but the supply is generally small. In fact, Canada imports largely from the United States. German seed is regarded as inferior to English, but is in demand when the price is low. The ordinary French seed is the poorest of all, although some fine qualities are often available. In the estimation of British farmers, clover seed from the United States is better than that from France, but inferior to others. New Zealand seed ranks high, but the supply is small. The American seed is invariably so clean that it is highly esteemed, although small in size, and it finds a ready market.

As matters stand at present, the United States export trade in clover seed has most to fear in the British market from the Chilean product. The farmers of Chile, alive to the profitable nature of clover-seed culture, have ordered special cleaning machinery, constructed in Great Britain, in the hope of getting rid of dock seed, and thus overcoming the main objection to their product. The Chilean exports are steadily growing in volume. A few years ago Great Britain took only 3,000 bags, but this increased to about 12,000 bags in 1903, and 17,000 bags in 1904.

A Belfast seed merchant, who has imported large quantities of clover seed, states that American shippers should be careful to observe the "even-weight" system. Many simply fill the bags compactly without weighing. It would be far more satisfactory to consignees in the United Kingdom were all the exporters to follow the example of a Chicago company, which puts, by actual weight, 168 pounds in each bag. This seed is sold here by the hundredweight of 112 pounds, and each bag therefore contains one and one-half hundredweight.

The same authority reminds American shippers of clover seed that, while all may be graded as "prime," separate lots will differ in color and in size of grain. British importers, as a rule, buy by sample. It is complained that American shippers are not careful to make shipments and samples agree. For example, some farmers have a preference for a purple seed, while others prefer a lighter color. Knowing these preferences, the importer buys to meet them, and if the shipment does not agree in color and size of grain with sample, he has rightful cause to find fault, even though the shipment be entirely equal in quality to the sample.

This gentleman also expresses the opinion that American dealers do not pay enough attention to the foreign trade, but think too much of the home market. This is all very well when the supply is small and the home demand large, but not when the conditions are reversed.

There must be a systematic and energetic effort to promote the export business or Chilean seed will supplant the American in the British markets. This is too serious a matter for American dealers to pass over lightly. The rapid increase of Chilean exports proves this conclusively. British farmers say that American seed is not as hardy as English and Chilean, but this is probably a prejudice. A leading American shipper made a number of experiments which convinced many British dealers that American seed is quite as hardy as the English, but farmers here still adhere to their old belief.

MUSHROOM CULTURE.

Mushrooms are a paying crop when successfully grown. They may be grown in sheds, cellars or in mushroom houses especially constructed for the purpose, which are the best. The end of August or the first week in September is a good time to make preparations for making up beds. The material employed is fresh horse manure collected from the stables. It should be collected every day and spread out in thin layers in a dry place. Some shed or outbuilding is a good place to keep it until the required amount is at hand to make the bed or beds, as the case may be. Do not forget to give it frequent turnings so as to be kept in an incipient state of fermentation, for when allowed to rise too high the ammonia gets exhausted so then we lose one of the principal agents in growing mushrooms. When the manure is all got together, clearing it as much as possible of all long straws, add one part of good loam with four parts of horse manure. See that it is thoroughly mixed together. Make the whole mass quite damp. This is according to my experience a very important point in growing mushrooms and should not be overlooked. No matter how much care you have given them in other respects if the moisture is not under the mushrooms at the start you will not have a really suc-

MICHELL'S

PURE CULTURE SPAWN

Pure Culture Mushroom Spawn Made in America, and after years of careful experimenting, it has finally been pronounced faultless. We have arranged to represent the most reliable of American Spawn makers and are booking orders for immediate delivery. Pure culture spawn is claimed to be far superior to the English, from the fact that it produces much heavier crops and comes into bearing two weeks sooner.

Prices: 10 bricks, $1.80; per 25, $4.00; per 50, $7.50; per 100, $14.00; per 1000, $130 00.

ENGLISH MILLTRACK SPAWN Made especially for us by a leading English house. Fresh shipment received every three weeks. Per brick, 15c; per doz. bricks, $1.50; per 100 lbs., $6.00; per 1000 lbs., $55.00. (250 lbs. or over at 1000 lb. rate.)

STOCKS of all bulbs now arriving. Send us your list of wants. We are headquarters. Wholesale List now ready.

HENRY F. MICHELL CO. {Bulb Importers and Growers} **1018 Market St., Philadelphia, Pa.**

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PRIMROSES

IMPROVED CHINESE
Finest grown, strong 2-inch, $2.00 per 100.

CINERARIAS Large flowering dwarf, strong 2-in., $2.00 per 100.

CYCLAMEN GIGANTEUM
Finest mixed, 2½-inch, $4.00 per 100.

XXX SEEDS

CHINESE PRIMROSE
Finest grown, mixed, 500 seeds, $1.00; ⅛ pkt., 50c.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

GIANT PANSY The best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

Cineraria Grandiflora.

	Trade pkt.
Medium Tall, Prize varieties, mixed	$0.50
Dwarf, Prize varieties, mixed	.50

Pansy Superb Mixed

⅛-ounce, 60c.	¼-ounce, $1.15.	ounce, $4.50
Choice large flowering, mixed	"	1.25

W. C. BECKERT,
ALLEGHENY, PA.
Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains, new crop seed of these well known unrivaled Pansies, ready now, in trade packages at $1.00 each, either strain.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
Mention The Review when you write.

PANSY SEED

Large flowering, "none better," oz., $4.00; 3 oz., $11.00. Cash.

JOS. H. CUNNINGHAM, Delaware, Ohio.
Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

NEW CROP SEED
Of my well-known
Christmas Sweet Peas
READY NOW.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, N. J.
Mention The Review when you write.

FISCHER'S
Grand Freesia Purity

The three largest size bulbs which I offered are all sold out; but I have a smaller size, all strong flowering bulbs, which will give entire satisfaction, $3.00 per 100; $20.00 per 1000; 500 at 1000 rate. Discount on 5000 lots. No orders taken after Sept. 1, for by that time what isn't sold will be planted. Cash with order please. Cash orders sent free by mail.

R. FISCHER
GREAT NECK, - L. I., N. Y.
Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Pansy Seed NEW CROP GIANT MIXED

From the following strains: Trimardeau giant mixed, Cassier, Odier, Bugnot, Psyche, Ruby King and Prince Henry, $4.00 per oz., less quantity in proportion. Plants of the same strains will be ready October and later.

HENRY ERNST & SON, Washington, Mo.
Mention The Review when you write.

50,000 Transplanted Celery Plants

Good, bushy stock and well hardened. Packed in light crates and guaranteed in all respects except variety.

We make the price **$1.50** per 1000; **$12.50** per 10,000, to close them out.

Write us for price on larger lots.

R. KILBOURN, - Clinton, N. Y.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DO NOT WASTE YOUR TIME ON BOSTONS

Grow Nephrolepis Scottii

You will sell the plants quicker and at much better prices. They will take up less room and cost you only a little more money; at the following prices, which are 50 per cent lower than ever before: Strong plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

JOHN WELSH YOUNG, Upsal Station, Penna. R. R., GERMANTOWN, PHILADELPHIA, PA.

cessful crop, so see that the compost is moist before the bed is made up.

A good plan to find out if the manure is all right is to take up a handful, squeezing it tightly and place it on a level surface. If it remains intact and does not wet your hand you can safely say that it is all right. As to making up the beds, put the manure in layers three or four inches thick and beat down each layer with a mallet or brick as hard as it is possible to make it until the bed is ten to twelve inches thick. After making the beds should the heat become too strong make holes with a stick all over the surface of the bed to moderate the fermentation. The beds are to be spawned when the heat gets down to 90 degrees, and still has a tendency to drop, for brick spawn, or 80 degrees for French or loose spawn.

A few words as to good spawn won't go amiss. One of the chief reasons why there are so many failures in this business is that there is a large amount of lifeless spawn offered for sale. See that you get good spawn and you will get good mushrooms. Break the bricks in pieces about the size of turkey eggs and insert all over the bed about three inches deep and six to eight inches apart. Fill up all the holes and beat down with a brick again to make sure the bed is solid. Syringe the surface of the beds every day to keep the moisture from escaping from the bed. I don't mean to saturate the bed, only enough to moisten the top of the surface. When the heat drops to 75 degrees in the beds cover the bed with two inches moist loam and beat down firmly with a spade. Keep the temperature of the house as near 55 degrees as possible. In about six weeks the buttons should begin to appear. Make up other beds in succession. They can be grown very profitably from November to April.

Beds that are in houses where a temperature of 50 to 60 degrees is maintained should never be covered. It will cause the mushrooms to grow leggy, thereby reducing the weight, as the substance is utilized for forming the stem, but which under different conditions would go to enlarge the crown. Where steam or hot water is used moisture pans should be placed on the pipes and kept filled with water. All air should be regulated so that there is a circulation but no draught. Success in mushroom culture can only be achieved by close attention to all details in the different stages of its growth. J. J. F.

VARIEGATED VINCAS.

In the Review for July 27 J. W. C. asks for information on growing vincas. The remarks of W. S. remind me of a method practiced here which gives fine bushy plants to pot in the fall. In the spring we plant in the nursery rows any plants we have to spare for that purpose. Then as fast as we can get vines long enough we layer the tips about two inches deep, spatting the soil down on them closely. Each tip soon sprouts and throws up nice vines, which can be cut up for cuttings in the fall in the usual way. J. W. Myer.

NEW Crop Flower Seeds

FOR AUGUST SOWING

Our strains of Cineraria, Calceolaria, Cyclamen, Primulas and Pansies are grown by renowned European Specialists and are absolutely unsurpassed in quality.

CINERARIA.
English Prize Mixed (show varieties) ½ trade pkt., 50c; trade pkt., $1.00.

CYCLAMEN PERSICUM GIGANTEUM.
Mixed (show var.) 50 seeds, 40c; 100 seeds, 75c.

DOUBLE DAISY (Bellis Perennis).

	Trade pkt.	Oz
Giant Snowball (pure white)	30c	$2 50
Longfellow (pink)	30c	2.50
Giant Mixed	30c	2.00
Choice German Mixed	25c	1.75

MIGNONETTE.

Defiance, long spikes, fragrant, best for cutting	15c	.50
Machet (True), dwarf, deep red, fine for pots	15c	.50
Golden Machet	15c	.50

MYOSOTIS (Forget-Me-Not).

	Trade pkt.	Oz.
Alpestris Victoria, dwarf, sky blue	25c	$1.00
Alpestris, blue	15c	.40
Dissitiflora, large flowered, early	30c	2.00
Palustris, (True Forget-Me-Not)	30c	1.50

PRIMULA—Chinese Primrose.
English Prize Fringed Mixed, unsurpassed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.

Primula Forbesi (Baby Primrose)	40c	
Obconica Grandiflora	30c	
Stellata (Star Primrose)	50c	

PANSY—J. & S. Kingly Collection.
Unquestionably the finest strain of Giant Pansy now offered to the trade, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00 ..... 5.00

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PERRET'S PANSY SEED, 1905 stock at $4.00 per oz.; $2.50 per ½ oz.; $1.00 per trade pkt.; 50c per ⅛ pkt.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

PORTLAND, OREGON. — A scarcity of good flowers, except sweet peas, exists in this locality on account of another extremely dry season, and an unusual visitation of the cut worm or army worm. This pest has ruined both flowers and vegetables in places, but seems now to have passed on. Asters are very unsatisfactory this year.

SMITH'S

CHRYSANTHEMUM MANUAL

By ELMER D. SMITH

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
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PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
Mention The Review when you write.

PITTSBURG.

The Market.

Pleasant weather for a week and the improved condition of trade have caused the store people to look more pleasant, and they are much more companionable.

White asters have been scarce, but colored are in abundance and much improved in quality. Everything else except carnations is in good supply and improved quality.

Various Notes.

J. M. Gasser stopped en route from the convention, and spoke a good word for the Washington, D. C., people.

C. W. Hendicks, secretary of the Templin Co., Calla, Ohio, was another visitor.

We also had Mr. Dike, the representative of Jansen & Co., with us this week.

Ed. McGrath spent a very pleasant vacation with some variety about it; one week in New York and Coney Island, the other with some friends in a canoe trip of about one hundred miles on the Allegheny river.

Walter Breitenstein with a party of friends has taken canoes and gone to Salamanca, N. Y., and will come down the Allegheny river home, camping at night and enjoying the beauties of nature in a leisurely way.

Jas. Dell has just returned from his annual summer trip to the east.

T. P. Langhans, secretary of the Pittsburg Cut Flower Co., is back at his desk, looking much improved after his vacation.

Eddie McCollum, of the Pittsburg Florists' Exchange, spent a couple of weeks up about Williamsport, Pa. He had his camera with him and some of the pictures indicate that his lines were cast in pleasant places.

Miss McKinley, of Randolph & McClements, spent a pleasant week at Niagara Falls.

The S. A. F.

A query among a little group of craftsmen was: Does the S. A. F. fulfill its mission, or is it simply an outing at a season when florists can best get away? There is no doubt of the necessity of such an organization, or of the good it could do, but does it accomplish its purpose? I fear not, after making diligent inquiry.

The society has just retired a man of great executive ability, who is above the average in business ability, who, no doubt, knew what would be necessary to make the society the real benefit to the craft it should be, but like all who had preceded him, he knew his office was conferred on him as an honor for one year and that little could be accomplished in that time.

But, would it not be wise now for our new president to take up the matter of the S. A. F. as an educator for the members who travel great distances to be in the convention city and instead have them travel to attend the convention, and then let him be re-elected from year to year, or as long as he did good work, or was willing to accept the position? There are many things which could be done along the lines adopted by our Wm. Falconer, who took a corpse and made one of the most lively clubs in the country out of the Pittsburg and Allegheny Florists' and Gardeners' Club. At every meeting he had something of importance to growers, either in plants, flowers, building material, or something pertaining to the business, and then an open discussion on their merits, methods of growing, etc., always having some one in sight who was posted on the particular point he wished to bring out. While this club has been made a success in this way, with these smaller things, they, with many other things, if discussed openly by the many intelligent men of the trade, would make a convention worth travelling miles to attend. Then let it be understood that you were going to keep the man at the helm who makes the S. A. F. a real live educator, and not throw away his year's work to honor a new man each year. Hoo-Hoo.

W. E. McKISSICK,
New Wholesale Commission House, 1221 Filbert Street, PHILADELPHIA, will open for business September 4, 1905.
CONSIGNMENTS OF CHOICE CUT FLOWERS SOLICITED.

SHADY BENCHES.

I have two houses. The south bench in each one does not receive any direct sun during the short days in winter. I wish to know what will grow best in them. I desire to put violets in one of the beds. Would you advise me to do so? Would lily of the valley grow in such a bench? R. C. E.

Some ten years ago we grew on just such a bench as you describe a fine lot of violets and picked fine flowers, and lots of them, from November to April. The other benches in the house were used for carnations and the night temperature was 47 and 48 degrees. The varieties we then grew, Scott, Daybreak and Silver Spray, did not need higher. Valley is a very different crop. If you had enough hot water or steam pipes boxed to keep the sand at 80 degrees and the top heat at 50 or 55 degrees you could force the valley all right.

We find in such benches, which are a mistake and should not exist in a modern horticultural building, that there is always something to occupy them. We propagate carnations or keep young plants of carnations and roses there. You can also plant out a lot of young nephrolepis at any time of the year. I presume this bench is only shaded by the partition wall that divides it from another house attached on the south. Where you are growing a mixture of bedding plants you can, with some discretion, find any amount of things that will do very well on such a bench. Azaleas would winter there finely if not too warm.

W. S.

Zanesville, O.—John D. Imlay will at once erect a modern three-story brick building on the site of his present store. The lower floor will be occupied by his retail business as soon as ready. The greenhouses are in the rear.

Choice ASTERS BEAUTIES and KAISERINS

The Philadelphia Cut Flower Co.

Store Closes 6 P. M. until Sept. 16. Saturdays at 1 P. M.

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Auction Sale of Stalls of the Boston Co-operative Flower Market

MUSIC HALL PLACE, BOSTON, MASS.

August 30, 1905, at 9:30 A. M.

The Boston Co-operative Flower Market has decided to open their market to the flower growers of the country and the directors take pleasure in announcing their second annual sale of stalls (as above date). To anyone wishing to sell flowers in Boston, we can truthfully say that we have the finest wholesale market ever opened in New England. The market is well lighted and ventilated, is centrally located both for buyers and growers. There are 14,000 feet of floor space. We have an ample ice storage room and parties who cannot sell in person can consign flowers to the manager or they can sell through an agent.

We have a five years' lease and all our patrons have expressed their pleasure with our market and we hope to have a large attendance at our sale. Anyone who cannot attend the sale can have a stall bid in for them by the manager.

WILFRID WHEELER, For the Directors Clerk.

Wholesale Cut Flower Prices.

Philadelphia, August 23.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.00
" Medium	$1.00 to	1.50
" Short		.75
		Per 100
Brides and Bridesmaids, Fancy	$4.00 to	$ 5.00
" Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	8.00
" Ordinary	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters, Select	1.50 to	2.00
" Common	.50 to	1.00
Orchids	15.00 to	25.00
Cattleyas	50.00 to	60.00
Adiantum Cuneatum		1.00
" Croweanum		1.00
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15.00
Sweet Peas	.20 to	.40
Valley	2.00 to	4.00
Water Lilies		2.00
Pyrethrum.....per bunch 10c		
Lilium Auratum .....$1.50 per doz.		
Gladioli	1.50 to	2.00
Dahlias	1.00 to	2.00
Lilies, white, red, pink	4.00 to	8.00
Hydrangeas		5.00

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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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New York, August 21.

		Per 100
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"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	.50 to 2.00
Brides and Maids,	Special	2.00 to 3.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		.50 to 4.00
Liberty		.50 to 10.00
Killarney		1.00 to 6.00
Meteor		.50 to 2.00
Chatenay		.50 to 2.00
Orchids, Cattleyas		40.00 to 75.00
Carnations,	Common	.50 to .75
"	Selects	1.00 to 1.25
"	Fancies	1.00 to 1.50
"	Novelties	1 50 to 2.00
Adiantum Cuneatum		50 to .75
"	Croweanum	.75 to 1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		6.00 to 10.00
Lilies		4.00 to 6.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 10.00
Daisies		25 to .50
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Sweet Peas, doz. bun'es, 5c to 20c		
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	Per 100
Beauties, Specials	$12.00 to $25.00
" Extra	6.00 to 10.00
" Short Stems	2.00 to 5.00
Brides, Specials	2.00 to 4.00
" Seconds	1.00
Bridesmaids, Specials	2.00 to 4.00
" Seconds	1.00
Carnots, Kaiserins	2.00 to 6.00
Liberty	2.00 to 8.00
Carnations, Special	2.50 to 3.00
" Select	1.50 to 2.00
" Ordinary	1.00
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. $1.00.	25.00 to 50.00
" Sprengeri, bunch, 1.00.	25.00 to 50.00
Smilax	10.00 to 12.50
Adiantum	.75 to 1.25
Sweet Peas	.15 to .20
Gladioli	2.00 to 8.00
Asters	.25 to .50
Lilium	6.00 to 8.00

Buffalo, August 22.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	.50 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Gladioli	1.00 to 3.00
Speciosum Lilies	3.00 to 4.00

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Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, August 23.

	Per doz.
Beauties, Long stems	$3.00 to $4.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
" Shorts	$0.50 to .75
	Per 100
Bridesmaids, Specials	$5.00 to $6.00
" Firsts	2.00 to 4.00
Brides, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Liberty, Specials	6.00 to 8.00
" Firsts	2.00 to 5.00
Golden Gate, Firsts	5.00 to 6.00
" " Seconds	2.00 to 4.00
Kaiserin	8.00 to 8.00
Chatenay	2.00 to 6.00
Carnations, Select	.50 to 1.00
" Fancy	1.50 to 2.00
Asters	.50 to 2.00
Harrisii	8.00 to 12.50
Auratum Lilies	12.50
Water Lilies	1.00
Daisies	.50
Gladioli	1.00 to 2.50
Asparagus, Strings	25.00 to 50.00
" Sprays, per bunch, 25-35c	
Sprengeri " 25-35c	
Ferns per 1000, $1.00 to $1.50	.20
Galax per 1000, 1.00 to 1.50	.15
Adiantum Cuneatum	.75
Smilax per doz., $1.50	

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	Per doz.
AMERICAN BEAUTIES—	
Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	6.00 to 8.00
" seconds	4.00 to 5.00
MAIDS AND BRIDES	5.00 to 6.00
" " seconds.	3.00 to 4.00
UNCLE JOHN	5.00 to 6.00
" " seconds	3.00 to 4.00
CARNATIONS	1.00 to 2.00

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Wholesale Cut Flower Prices.

St. Louis, August 28.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " No 1	2.00 to 3.00
Golden Gate	3.00 to 4.00
Liberty	2.00 to 5.00
Kaiserin	3.00 to 5.00
Carnots	3.00 to 5.00
Carnations, Common	.50
" Select	.75 to 1.00
" Fancies	1.50 to 2.00
Adiantum	1.25
Asparagus Plumosus, Strings	25 00 to 35.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1 00 to 2.00
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Daisies	.25 to .35
Cornflowers	.25
Tuberoses	1.00 to 2 00
Asters	.50 to 1.00
Gladioli	1.00 to 2.00

Milwaukee, August 23.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10 00 to 20.00
" Shorts	4 00 to 8.00
Bride and Bridesmaid, Best	4.00 to 6.00
" " Seconds	2.00 to 3.00
Golden Gate	4.00 to 6.00
Liberty	4.00 to 6.00
Perle	4.00 to 6.00
Chatenay	4.00 to 6.00
Carnations, Good	2.00
Asparagus Plumosus, Strings	50.00
" " Sprays	2 00 to 3.00
" Sprengeri, "	2.00 to 3.00
Longifiorums	10.00
Daisies	.50
Smilax	20.00
Ferns	.20
Asters	.50 to 1.00

Cleveland, August 23.

	Per doz.
Beauties, Specials	$3.00
" Extra	2.50
" No. 1	2.00
" Shorts	$0.50 to 1.00
	Per 100
Brides and Bridesmaids	$2.00 to $6.00
Kaiserin	4.00 to 8 00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1 00
Asparagus Plumosus, Strings	25 00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	20.00
Sweet Peas	.25
Asters	.50 to 1.50
Gladioli	1.00 to 2.00

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All stock sold at the Prevailing Market Price.

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Wholesale Cut Flower Prices.

Cincinnati, August 23.

		Per 100
Beauties, Extra	$20.00 to	$25.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	10 00
Brides and Maids, Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	5.00
Meteor	2.00 to	5.00
Perle and Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Select	1.25 to	2.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprays	4.00 to	5.00
" Sprengeri, "	2 00 to	3 00
Lilium Longifiorum	6.00 to	10.00
Smilax	10.00 to	15 00
Lily of the Valley	3.00 to	4.00
Callas	5.00 to	10 00
Adiantum	.75 to	1.00
Stocks	2.00 to	3 00
Gladioli	3.00 to	5.00
Asters	.50 to	2.00

Pittsburg, August 23.

		Per 100
Beauties Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" No. 1	5.00 to	8.00
" Sho ts	2.00 to	3.00
Brides and Ma ds	1.00 to	5.00
Cusin	1.00 to	4.00
Kaiserins	2.00 to	12.00
Perle	2.00 to	4.00
Carnations	.75 to	2.00
Adiantum Croweanum	.75 to	1.25
Asparagus Plumosus, Strings	20.00 to	50.00
" Sprengeri, Sprays	2.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	10.00 to	15.00
Lilies	12 00 to	15.00
Sweet Peas	.15 to	.20
Asters	.50 to	2.00
Gladioli	1.50 to	3.00

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FANCY FERNS	Per 1000,	$1.00
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GREEN GALAX	" "	.60
LEUCOTHOE SPRAYS	" "	8 00

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FLOWER FASHIONS.

"The use of very large plants in decorations has fallen off," says an English contemporary. "Festoons of foliage and flowers have been more the fashion; of course there are some large plants used. The tall Cocos flexuosa, with Crimson Rambler roses, twined round the lower portion of the stem, and archways of roses are among the newer features of decorations. Much more cut bloom is now used in place of pot plants. The carnations on long stems in vases are always a great feature in decorations, and where pot plants of hybrid perpetual roses were used formerly, we now have the cut blooms on long stems. The tall table stands are quite out of fashion. Short vases with long-stemmed flowers are more natural and certainly more elegant. It is impossible to say what changes may take place in the future, but at present the tendency seems to be more and more in favor of cut foliage and flowers, rather than pot plants for all indoor decorations, and with suitable vases there is certainly much advantage in avoiding wet and heavy pots; but this of course may be carried too far. We must have some pot plants, and the tall palms with the pots covered with moss and flowers will always remain a necessity to well finished decorations."

MILDEW.

We have some rose plants which have a kind of white dust on them, and the leaves draw up and the plants will not grow. I enclose a cutting showing how the leaves are affected. I shall appreciate any information you may give me.

G. W. J.

——

These roses are suffering from a severe attack of mildew. Assuming that these roses are grown under glass, the most effective remedy at this season is flowers of sulphur dusted over the foliage. By adding to the sulphur one-third of air-slaked lime it helps to distribute the sulphur more evenly and also helps to release the fumes.

As a preventive give plenty of ventilation, both day and night, and take care to prevent any draughts and sudden fluctuations of temperature. Ribes.

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JOLIET, ILL.
CARNATIONS OUR SPECIALTY
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CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.
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10,000 Farquhar and Imperial, all sand-rooted from clean stock, February and March struck, from 3-in. pots, ready in September, $3.50 per 100; $30.00 per 1000. Cash with order, please.
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757 Campbell Ave. West Haven, Conn.
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Free samples are convincing proof of their dependable qualities. Send for samples today.
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BRILLIANT BRONZE AND GREEN GALAX, $1.50 per 1000.
We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.
Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
L. D. Tel. 2618 Main. HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.
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For My Exhibition of **GLADIOLI** At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.
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Foreign and Domestic Specialties,
39 BARCLAY ST. NEW YORK, N. Y.
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FOR ROSES
Ferns of all kinds, Cinerarias, Chinese Primroses and Cyclamen, see Kuhl's Adv. in August 3 issue. Write him at Pekin, Ill. You will not regret it.
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Arrived in superb condition
Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.
Write for Prices.
Lager & Hurrell, Growers and Importers... Summit, N. J.
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Des Plaines, Ill.
CARNATIONS
MY SPECIALTY.
Mention The Review when you write.

LUDVIG MOSBAEK, Onarga, Ill.
30,000 Asparagus Plumosus Nanus and Sprengeri, 3-inch, $6; 4-inch, $10; 2¼-inch, $2.50 per 100.
5,000 Smilax, 2¼-inch, $1.50 per 100.
Bedding plants, list mailed.
Pansy plants in bloom and seedlings.
Pansy seed, Florists' Intern., ⅛ oz., $1; oz., $7.
Pansy seed, Giant mixed, ⅛ oz., 65c; oz., $4.
5,000,000 Celery plants, 1000, $1.00; transplanted, 1000, $2.00. List mailed.
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2-in. Cyclamen, in 5 separate colors.....$4.00
Pansy Seed for florists, extra fine imported strains, ½ oz., $2.50; 1 oz., $5.00.
Boston Ferns, for immediate delivery, 5-in., fine stock, $3.00 per doz.; $25.00 per 100; $240.00 per 1000. Write for prices on other sizes.
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PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics with the Correct Pronunciation for each. Sent postpaid on receipt of 25c.

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334 Dearborn St. Chicago.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

FALL planting is to be preferred for all hardy roses.

AMBOY, MINN.—E. Erickson, representing the Jewell Nursery Co., of Lake City, has been in this locality the past week.

PETERSON NURSERY, Chicago, reports a large amount of work in the landscape department. The west is rapidly developing in this respect.

THE Tamarix Africana seems likely to come into general use as a box edging. It grows to considerable height, but by hard cutting back it may be kept quite low.

MILWAUKEE, WIS.—There was published in the August 12 issue of The Evening Wisconsin a very interesting letter from Alex Klokner on "The Shade Tree Problem."

MANY nurserymen now make their most determined efforts for orders for fall planting, feeling that routine methods will bring all the business they can handle in the brief spring season.

PEACH trees should be headed low. That is, let them sprout out near the ground and make several trunks instead of one only. This advice is specially applicable to the northern edge of the peach belt.

THE Forest Service of the U. S. Department of Agriculture has begun a study of woods for special uses, and will this season take up cooperage woods, box and basket woods, vehicle and implement woods, and woods for street paving.

TROUBLE WITH RASPBERRIES.

Will you kindly let us know in your valuable paper what is the matter with the enclosed raspberry vine, also remedy? The plants make good strong shoots and then die. H. C. H.

The shoots forwarded have been attacked by anthracnose (Gloesporium venetum) which is quite frequently found on raspberries, especially the black cap varieties. On the red sorts, such as Cuthbert, it does not appear so frequently as on the dark variety Columbian, which seems peculiarly susceptible to this disease.

Spraying with Bordeaux mixture will mitigate the trouble considerably. Use four pounds stone lime and six pounds sulphate of copper to fifty gallons of water, making it in the regulation manner and applying another season ere the trouble shows itself. If serious give three applications during the season. It is now too late to spray, but badly affected plants should be dug up and burned and diseased shoots removed from the balance. If you are in the habit of applying barn-yard manure each year to the raspberries, change to fertilizer. Too gross feeding seems to be in many cases the cause of the trouble. W. N. C.

Specimen Evergreens For AUGUST PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
Mention The Review when you write.

PEACH PITS

CROP 1904

We still have a few hundred bushels on hand. They will crack 90 to 95 per cent good. You had better order now and be on the safe side. Experience has taught us that Peach Pits one year old are better than the new crop.
Samples and prices on application. State quantity wanted.
We also have a fine lot of Apple, Peach, Plum, Cherry, California Privet, Asparagus, Shade and Ornamental Trees, Shrubs, etc.

Send us your Want List.
Franklin Davis Nursery Co.
BALTIMORE, MD.
Mention The Review when you write.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½, 4 and 5-inch pots. Send us your list of wants today. Ask for catalogue free.
THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.
Mention The Review when you write.

THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

PEONIES

in choice assortment for florists, from earliest to latest, all named. Write for prices.
NARCISSUS double white, perfectly hardy, fragrant, beautiful, fine for Decoration Day. 50,000; price low to close out.
F. A. BALLER, Bloomington, Ill.
Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.
Mention The Review when you write.

DAHLIAS

One Hundred and Thirty Acres
ROOTS AND BLOOMS in any quantity
L. K. PEACOCK, Inc., Atco, N. J.
Mention The Review when you write.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write
GILBERT H. WILD, SARCOXIE, MO.
Mention The Review when you write.

Large Shade Trees

IF IN WANT of any write for prices. I've got them by the thousand and am selling at very attractive prices—particularly SUGAR MAPLE, NORWAY MAPLE, SYCAMORE MAPLE, SILVER MAPLE and AMERICAN ELM up to 4½-inch caliper. Have also a fine lot of ORIENTAL PLANE AND OTHER SHADE TREES.
J. T. LOVETT, Little Silver, N. J.
Mention The Review when you write.

PEONIES CHOICEST VARIETIES

HARDY LILIES, Japan Bean Vine or Kudzu Vine, most rapid, hardy vine grown.
DAHLIAS, Richardias.
GLADIOLI, very large stock.
SUGAR MAPLES, 6 inches to 10 feet.
CATALPA speciosa seedlings.
BLACK LOCUST seedlings. List now ready.
E. Y. TEAS, CENTERVILLE, IND.
Mention The Review when you write.

Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.
SPECIALISTS
PEONIES, CARNATIONS and Specimen Nursery Stock.
Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

EVERGREENS Large Assortment.
Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.
Andorra Nurseries.
Wm. Warner Harper, Prop. Chestnut Hill, Pa.
Mention The Review when you write.

FOR FALL 1905
Roses, strong, home-grown plants, hardy perennials and Ramblers.
Clematis, large flowering and paniculata.
Climbing Vines, leading varieties.
Ornamental Shrubs and Trees, fine assortment.
Jackson & Perkins Co., Newark, New York
Mention The Review when you write.

Queen Beatrice

Mention The Review when you write.



NEW GERANIUM "TIFFIN."

NEW SEEDLING GERANIUM.....

"TIFFIN"

The Freest Blooming of all Single Scarlet Geraniums.
Flowers are freely produced and clusters very large.
Foliage is a medium shade of green—No zone.
Grows freely, making a bushy, shapely plant.
Has been tested for eight years and found A 1 in all respects. Will sell on sight.
Will be introduced and delivered strictly in rotation beginning February 1, 1906.
Strong 2-in. Plants, $2.25 per doz.; $15.00 per 100.
Orders booked now.

S. S. SKIDELSKY,
824 N. 24th St.,
PHILADELPHIA, PA.

LEWIS ULLRICH,
181 Sycamore St.
TIFFIN, OHIO

Mention The Review when you write.

PIPING.

Please advise me as to the proper arrangement of pipes in a greenhouse 12x50. How many valves or stops are needed and where should they be placed? You advised 520 feet of 2-inch pipes, six lines on one side and five on the other in two manifolds. Where should the expansion tank be placed, at boiler end or remote, and at what end the manifolds? Must all the pipes run across the narrow end of the house back to the boiler?

G. W. L.

Your letter would indicate that an earlier answer had been given to a part of your question at least. As you do not state the temperature you wish to maintain in your house it is difficult to give a definite answer. If you wish to maintain a temperature of 70 degrees then from 500 to 520 feet of 2-inch piping should be used; if 60 degrees is desired nine lines of 2-inch pipe will be sufficient. If ten lines of pipe are used and arranged in two manifolds of five pipes each I think it would be wise to place gate valves at each end of two of the lines of pipe in each manifold. The expansion tank is most effective when connected with the main return near the boiler and so placed that it is from 10 to 15 feet above the highest point in the system. The returns can be carried into a manifold which can be connected with the boiler by means of a single pipe. It is not necessary that they all be carried across the house to the boiler.

One of the most satisfactory arrangements for the pipe in your house would be to run a 2-inch riser from the boiler under the ridge to the most distant end of the house, there divide it, using two 2-inch pipes to supply two manifolds, one on each side wall or under each side bench, each manifold to have four 2-inch pipes. At the other end of the house, i. e., nearest the boiler, each of these coils of four pipes can be brought together into a common 2-inch pipe which shall be connected directly to the main return to the boiler.

L. C. C.

GREENSBURG, PA.—E. J. Perry has improved his store but will not in future cater to anything but funeral work. He recently made eighteen designs for one funeral and is shipping quite a lot of work out of town.

FIELD-GROWN CLUMPS AND STRONG ROOTS

HARDY HERBACEOUS PLANTS

GRAND STOCK IN EVERY SENSE—COULD NOT BE BETTER

Canterbury Bells (**Campanula Media**)	$5.00 per 100
Foxglove (**Digitalis purpurea** and **Gloxinoides**)	5.00 per 100
Blue Jay Flower (**Veronica longifolia subsessilis**)	6.00 per 100
Hardy Phlox, in 15 choicest named varieties	5.00 per 100
Kelway's English Larkspurs (**Delphinium Hybridum**)	8.00 per 100
Delphinium formosum, old fashioned Blue Larkspur	6.00 per 100
Golden Columbine (**Aquilegia chrysantha**)	6.00 per 100
Golden Marguerite (**Anthemis**) two varieties	4.00 per 100
Asclepias tuberosa, transplanted roots	5.00 per 100
Coreopsis lanceolata	3.50 per 100
Anemone Japonica, six varieties	6.00 per 100
Shasta Daisy	5.00 per 100
Sweet William (**Dianthus barbatus**)	5.00 per 100
Hardy Pinks, 4 varieties	6.00 per 100
Gaillardia grandiflora compacta (**new dwarf**)	5.00 per 100
Rose Loosestrife (**Lythrum roseum superbum**)	5.00 per 100
Oriental Poppy (**Papaver Orientale**)	6.00 per 100
Dragon head (**Physostegia Virginica** and **alba**)	5.00 per 100
Painted Daisies (**Pyrethrum roseum**)	8.00 per 100
Purple Cone Flower (**Rudbeckia purpurea**)	7.00 per 100
Cardinal Flower (**Lobelia Cardinalis**)	5.00 per 100
Stokesia Cyanea	6.00 per 100

The above offer is special and is for a short time only. Write for prices on Peonies, Iris, Hollyhocks, Hardy Grasses or any other class or variety of Hardy Perennial you may need.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention The Review when you write.

American Arbor-Vitae

Broad and bushy trees, well branched on all sides, in grades from 3 to 6 feet high. Have been transplanted three times and are supplied with such an abundance of fibrous roots that there is scarcely a possibility of loss from moving. Can be shipped either with or without ball. **SPLENDID TREES FOR SCREENS AND HEDGES.**

Compact, Globe, Pyramidal and Vervaene's

ARBOR-VITAES in extensive quantities.

Ornamental Nursery Stock

Of all kinds AT WHOLESALE PRICES to those who buy for commercial purposes. **TRADE LIST FREE.**

The William H. Moon Co., Mill St., Morrisville, Pa.

Mention The Review when you write.

PEONIES

100 CHOICE NAMED VARIETIES.

The most complete list in the United States of the best and newest Peonies at prices that cannot fail to interest the buyer. Catalogue mailed free.

CURRIE BROS. CO.
Seedsmen and Florists, Milwaukee, Wis.

Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.

All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.

Mention The Review when you write.

NEPHROLEPIS PIERSONI

ELEGANTISSIMA

Grand stock, in all sizes. Very popular in New York and all the large cities.

UNPRECEDENTED SALE OF LARGE SPECIMENS

A splendid investment to plant NOW for the Fall Trade.

Prices from 75c each; $9.00 per doz.; $50.00 per 100, up to $2.00, $3.00, $5.00 and $7.50 each. Satisfaction Guaranteed.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

There is no advancement in business and quietness reigns supreme. The weather continues cold and flowers are about as good as at any time during the season. Asters are in their prime at present and the best long-stemmed flowers do not cost the retailers over $1.50 per hundred. Smaller flowers with shorter stems can be had at almost any price. Roses are the scarcest flowers we handle at present, but of carnations there is a fair supply. Lilium album and rubrum are seen everywhere and are good sellers. Amaryllis does not seem to sell as well as in former years, and they are being offered in any quantity at from $1.50 to $2 per hundred.

Various Notes.

Advices from F. Ludemann, now in Europe, indicate that he will not arrive in California before the middle of October.

Alfred Pouyal, the Polk street florist, failed this week. Liabilities about $3,500, owed to various wholesalers in and around San Francisco.

Ralph Clarke has returned from his visit to Portland, Ore., and reports a very pleasant trip.

Mrs. Marie Pouyal, one of San Francisco's pioneer florists, died on August 13, aged forty-six years. She was the mother of Alfred Pouyal, of Polk street.

L. S. Denton, formerly associated with D. Raymond, the San Jose pottery man, has started in business for himself and will make a specialty of flower pots and seed pans.

H. Plath, of Ocean View, is erecting another fern house 25x100 feet.

The California State Floral Society will give a complimentary dahlia show on the second Friday in September instead of the regular monthly meeting which would take place on that date. The show will be held in Elks' hall and an elegant display is expected. John Hinkle and John Vallance are on the committee of arrangements.

The young stock in the houses of the Holland Nursery Co., of Elmhurst, looks very well at this time and bespeaks for an abundant crop of flowers in the near future. G.

ROSES FOR HEDGES.

A hedge of roses is one of the most attractive ornaments to a garden, whether it be kept trimmed low or allowed to extend to six or eight feet high. There are, however, not over half a dozen roses that are used in this latitude for that purpose. Several varieties that are in demand and do well in our eastern states are not suitable for this climate. An ideal hedge rose is one that makes a small, clean growth, has bright glossy foliage, a good bloom for cutting and will stand pruning several times a year. Many of our choicest blooms come from the most straggly growing varieties and again some of the most suitable sorts, when foliage and habits are considered, do not produce flowers in sufficient quantity to make them desirable hedge roses. Roses when planted for this purpose should be about three feet apart. It is possible to handle them even closer and at a greater distance, but I have found that three feet is all right.

In red roses Agrippina is by far the best to plant. With us it blooms every day in the year, and the masses of color borne throughout the spring, summer and fall make a well kept hedge an object of interest even in California. I have planted for an experiment Gruss an Teplitz for the same purpose and it appears to be a close second to Agrippina, but has not proven quite such an abundant bloomer.

In white where a low hedge is wanted Double Cherokee easily fills the bill. It has pleasing glossy foliage, stands trimming well, and is a good bloomer. If a higher hedge is wanted Gloire Lyonnaise easily outranks all our other white kinds. It is a free bloomer and bears its flowers on long stems. It cannot be kept as a low grown hedge.

When a pink effect is desired Duchess de Brabant easily heads the list. It has all the good qualities for a hedge rose and its blooms are much esteemed for cutting.

In yellow varieties the old-fashioned Safrano can not be beat and in addition Marie Van Houtte, although it does not stand trimming as well as some of the other sorts, makes a fairly good hedge. Bon Silene can be trained fairly well and is a good bloomer. All the polyantha roses make good hedge roses, and although not as showy as the other varieties I have mentioned, they are fairly satisfactory. G.

PLANTING CEMETERY PLOTS.

There have been great changes in the system of planting cemetery plots in the past twenty-five years. It was formerly the proper thing to plant Monterey cypress, willow, white birch, weeping elm, or something in this style of growth in a plot no matter how small. A glance over our cemeteries will reveal in the older portion a mass of dense shade in a majority of the plots consisting of large, heavy growths that are neither ornamental nor useful. Many of our burial grounds were originally started in barren places and the desire to have something green and fresh looking often started the selection of trees and shrubs, wholly unsuitable for anything except extra large sections. An unkempt cemetery plot is one of the most miserable looking objects the gardener has to deal with and the accumulation of foliage in contracted situations has done much toward the revolutionizing of the planting in places of burial.

To begin with, the grass lawn has found much favor with the general public, and most of our attractive cemetery plots are planted with either Australian rye or Kentucky blue. The latter makes by far the best sod, and unless it is to be planted in a place where there will be an abundance of water it should always be used. It requires cutting from every ten to fourteen days during our warm season and not over half that quantity of times during our coldest months. Iceland moss has found favor with many gardeners, and where there is an abundance of water and plenty of time to dig and replant each season it makes a beautiful green mat.

Standard or tree roses have taken the place of almost everything else in the line of ornamental shrubbery. They do not litter the grass as do the bush roses,

do not take up as much room, are easier kept in shape and make a much better general appearance in either a large or small place.

Where something in the line of shrubbery is wanted I should recommend first, Golden arbor-vitae, then Diosma and Irish yew. These plants act well in a place of this nature and they are well liked by the public. As for the same reason they are easier kept within bounds or look pretty whether small or large.

We are asked occasionally for something to plant in urns or large vases. As the chances for almost anything to receive sufficient moisture are always poor in such a place I usually recommend Yucca aloifolia variegata or Aloe americana variegata. Both of these are of slow growth and if watered once a month in this climate will succeed very well. For large vases where there is no danger of the contents drying out I have planted Chamaerops excelsa with pink and white ivy geraniums around the edge. The palm will usually last four or five years before it has to be changed, and in the meanwhile makes a very attractive object. For borders around walks or coping dwarf boxwood I consider the most serviceable, and when a low dividing hedge is wanted Diosma, tree box, Pittosporum eugenioides or Pittosporum tenuifolium give satisfaction. They are easily kept at any desired height, do not need but little moisture and are covered with glossy foliage all the time.

When the plot is of large size and something effective is called for araucarias, Chamaerops excelsa, Phoenix canariensis and Washingtonia robusta seem to fill the popular idea of what looks in good taste in a cemetery. These should never be planted unless there is certain to be abundant room for them to spread in, for there is nothing that is more distasteful to the landscape gardener than disfigured palms.

Ivy, ampelopsis or muehlenbeckia are no longer planted here to any extent. The effect wanted in the majority of cases is that considered desirable in the planting of any city plot where the space is very limited and something bright and lasting has taken the place of the old-fashioned dark, heavy coniferous or deciduous growths. G.

DENVER.

The Market.

Trade was fairly good the past week considering the warm weather and will likely be ahead of former years for the same period. One or two large funerals helped out considerably, one being that of C. H. Young, local superintendent of the Wells-Fargo Express Co. Some very large and beautiful designs and bunches were seen there.

There is an increasing supply of roses, especially Brides, but the demand is not so great. Maids are not so plentiful and are still of small flower. Chatenay, being of finer color and longer stem, sells better.

American Beauties are the best stock in the market and sell well. While not over-plentiful there is about enough to meet the demand. They retail from $3 to $5 per dozen.

Carnations are about out of the market and it is almost impossible to obtain stock to fill orders. The only good ones coming in appear to be white ones.

Hannah Hobart

THE PRIDE OF CALIFORNIA.
THE GRANDEST OF PINK CARNATIONS.

A shade deeper in color than Lawson, blooms four to four and one-half inches across, full and regular. Stems long and strong. Does not burst the calyx. Growth free and easy. A prolific bloomer. Its flowers wholesale for a higher price than any other carnation in the San Francisco market. (See illustration and full description in Florists' Review of June 8, 1905.) Orders for rooted cuttings booked now and filled in rotation beginning Jan. 1, 1906, at $3.00 per 12; $15.00 per 100; $120.00 per 1000.

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

ALEX MANN, Jr.

Importer and Dealer in
Florists' Supplies
AND CUT FLOWERS AT WHOLESALE
1441 POLK STREET
Tel. East 641 SAN FRANCISCO
Mention The Review when you write.

CHOICE CALIFORNIA SEEDS

Burbank's Improved Shasta Daisy, ⅛ ounce, $2.00
Carnation (hand hybridized) 40 var., ⅛ ounce, 3.00
Pansy, California Giants, mixed, ⅛ ounce, 2.00
Asparagus Plumosus Nanus, plump and fresh, 30c per 100; $1.50 per 1000; 7000 for $10.00.
You know the reputation California grown seed has for vitality. Cash, please.

F. GILMAN TAYLOR, - Glendale, California.

FREESIAS

Nearly two millions from ¼ to ½ inch up, fine sound bulbs, ready for immediate delivery.
Also Grand Duchess Oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Asparagus Pl. Nanus

Strong, 3-in., $25.00 per 1000. Freight prepaid. Cash. Calla Bulbs all sold.

A. MITTING, 17 to 23 Kennan St., SANTA CRUZ, CAL.

Calla Bulbs!

for present delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Asters are becoming plentiful and range in price from 50 cents to $1 per hundred. Gladioli are being received in larger numbers and prices are about the usual summer standard. Sweet peas are not so plentiful and are of short stem and some dealers retail them as low as 5 cents per bunch of twenty-five. There are quite a number of outdoor flowers now coming in such as Golden Glow, phlox, physostegia, etc., which come in handy for decorative purposes.

Various Notes.

Miss Scott, of Buffalo, is visiting her brother, Philip Scott, of the Scott Floral Co.

The Fraternal Order of Eagles held their national convention here the past week and while they spent quite a lot of money, very little of it went for flowers, but it will get into circulation soon and help the craft indirectly. One feature of their parade was seven wagon-loads of snow from the line of the Moffat railroad, only sixty miles from Denver, showing the difference in climate, it being very hot in Denver that day.

R. S. Mahan, of the Alpha Floral Co., had his brother from Salt Lake visiting him during the Eagle's convention.

A. H. Bush, of Daniels & Fisher, was in attendance at the S. A. F.

We noticed that J. A. Valentine, of the Park Floral Co., came in seventh highest place in the individual bowling contest, winning a carving-set, and Frank Crump, of Colorado Springs, fourth place, winning a loving cup.

J. A. Sked, foreman of the Park Floral Co.'s greenhouses, is enjoying a two weeks' vacation in the mountains.

E. S. K.

EACH week I anxiously look for the coming of the REVIEW. It has helped me in many ways and I hardly know how I could get along without it.—F. G. LEE, Cazenovia, N. Y.

CONNECTION OF EXPANSION TANK.

Will you kindly tell me through the REVIEW whether the expansion tank of a hot water system should be connected to the flow or return and which would produce the best circulation where the tank is necessarily but about a foot and a half above the highest point in the system? F. E. C.

Wherever possible connect the expansion tank with the return rather than the riser and place it as far above the highest point in the system as possible. L. C. C.

PIPING.

Will you kindly tell me the best way of piping a small conservatory 16x21 feet? The peak is nine feet and the eaves a little over five. How many feet of radiation will be required to keep a temperature of 60 degrees when the thermometer sometimes reaches 40 degrees below in Minnesota? S.

It appears to me that the simplest manner of heating the little building under consideration, with hot water, is to carry a 2 or 2½-inch flow pipe from the boiler into one corner of the greenhouse near the entrance door, from there carry a coil consisting of six 2-inch pipes around the walls of the house to the opposite side of the door and from a manifold at this point carry a 2-inch return below the door back to the point where the flow enters the house and from there back to the boiler. L. C. C.

Thirty Acres BEST HARDY PERENNIALS

FOR COMMERCIAL AND PRIVATE USE.
FALL AND SPRING DELIVERY.

FIELD-GROWN CLUMPS

Having a very large stock which we wish to turn into cash we will make extremely low prices on application.

ACHILLEA PEARL
ALYSSUM SAXATILE
ANEMONE JAPONICA, in variety
AQUILEGIA, in variety
ASTERS, hardy
CAMPANULA
CHRYSANTHEMUMS
DELPHINIUM
DIANTHUS
HOLLYHOCK, double and single
GAILLARDIA, Grandiflora
HELIANTHUS, 5 sorts
HEMEROCALLIS, 6 sorts
POPPY ORIENTALIS and others
PRIMULA VERIS SUP. and others
PYRETHRUM ROSEUM
PHLOX, largest assortment in U. S.
PEONIES, all types
RUDBECKIA, Golden Glow and
STOKESIA CYANEA (others
TRITOMA, in variety
VINCA MINOR
AND ALL OTHERS OF COMMERCIAL VALUE.

Also in excellent condition, a good stock of **DECIDUOUS SHRUBS, SPECIMEN EVERGREENS and STANDARD FLOWERING AND OTHER TREES** at reduced prices.

Palisades Nurseries, -- Sparkill, N. Y.

CLUCAS & BODDINGTON CO., Proprietors,

Importers, Exporters and Growers of SEEDS, BULBS and PLANTS.

131 West 23rd Street, NEW YORK.

POSITION OF EXPANSION TANK.

Will you kindly tell us of a way of connecting 4-inch hot water pipes, making them perfectly tight, without the use of lead? Also please state whether it is absolutely necessary to place the expansion tank right above at the highest point of the pipes or whether it is just as well to place it above the place where one of the return pipes enters the boiler, a Hitchings No. 16, providing we place it say seven or eight feet above the highest point of the pipes and connect it with said return pipe. F. & F.

There are several cements suitable for metallic joints which contain no lead. A cement made of the following proportions is sometimes used: Sal ammoniac, 2 oz.; sulphur, 1 oz.; clean iron borings or filings reduced to powder, 12 lbs., with water enough added to make a paste.

The expansion tank is best located so as to make direct connection with the main return near the boiler and several feet higher than the highest point in the system. L. C. C.

CAPACITY OF BOILER.

I have a boiler thirty-six inches in diameter and five feet long, with sixty-five 2-inch flues. I am using this to heat two houses, one 17x50 feet and the other 17x72 feet. How many more square feet of glass will it heat? W. E. T.

It is probable that your present boiler will safely carry about 800 to 1,000 square feet of glass in addition to what you already have. L. C. C.

BRIDES

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

Helen Goddard

The coming commercial pink carnation, rooted cuttings ready Jan. 1, 1906, $10.00 per 100; $75.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

ROSES

Chatenay, Golden Gate and Uncle John, 2½-inch, $3.50 per 100. Chatenay, Maid. Gate and Uncle John, 3½-inch $5.00 per 100. Liberty, 4-inch, good stock, $10.00 per 100.

Field-Grown CARNATIONS

White Cloud, Chicago, Bradt. Wood, Wolcott, Harlowarden, Enchantress, Flamingo. Whitney. Lawson and Estelle. at $5.00 per 100. Prosperity and Crusader at $6.00 per 100.

Chrysanthemums

2½-inch, GOOD YOUNG STOCK — Kalb, Willowbrook. Robinson, T. Eaton, Bonnaffon, Monrovia, Kimberly, Plumridge, Etherington, Shaw, Quito, Hanham, Coombes, Shrimpton, while they last $2.50 per 100.

NEW VARIETIES — Emily Mileham, 2½-inch, at $3.00 per doz.; $20.00 per 100. Dr. Enguehard, Leila Filkins, at $3.00 per 100, from 2½-inch.

STEVIA

Good plants, 2½-inch, at $2.50 per 100; $22.50 per 1000.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Mention The Review when you write.

CELESTIAL PEPPERS

4-in., $15.00 per 100.

Smilax, 2-in	$2.50 per 100
Rex Begonias, 4-in	15.00 per 100
4 Flowering Begonias, 4-in	10.00 per 100
New Barrowsii Fern, 3-in	50.00 per 100

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

PRIMULA BUTTERCUP

2-inch, $3.00 per 100.

FIELD-GROWN CARNATIONS FINE PLANTS

Enchantress	$6.00 per 100
Peru, white	4.00 per 100

A. JABLONSKY, WELLSTON, MO.

Mention The Review when you write.

GOOD STOCK CHEAP!

Agaves (Century Plants), variegated, 17 good leaves, 20 to 24 in. high, $2.50 each. Asparagus Plumosus Nanus, heavy 5 to 8-in. tops, from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.90 per 100.

Pierson Ferns, 3-in., 9c each. Boston Ferns, 3-in., 6c each. Klondike Roses, 2-in., 10c each.

CASH WITH ORDER.

MAYER & SON, WILLOW STREET, Lancaster Co., PA.

Mention The Review when you write.

Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Note.**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

	Each
5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers	$0.50
5½-in. pots, 13 to 15 in. high, 3 to 4 tiers	.60
6-in. pots, 16 to 18 in. high, 3 to 4 tiers	.75
6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers	1.00
6½-in. pots, 20 to 24 in. high, 5 to 6 tiers	1.25

Araucaria Compacta Robusta, unusually large, very beautiful, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each.

Kentia Forsteriana, 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c; 4-in. pots, made up, 3 in pot, about 10 leaves in all, 20 in. high, 25c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica, imported, 4-in. pots, 25c.; 5 and 5½-in., 35c. and 40c. each; 6-in. pots, very fine, 50c each.

Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, ready for 5 or 6-in., very strong, at 12c to 15c; 5-in., strong, 25c.

Asparagus Plumosus Nanus, 3-inch pots, $7.00 per 100.

Cocos Weddelliana, 3-in., 15c. By doz. or 100.

Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each. 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c. 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c.

Boston Ferns, 5-in., 30c., 35c. and 40c. each.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

WHITMAN, MASS.

Mention The Review when you write.

Field Carnations CHOICE PLANTS

Nice bushy plants of Norway, Lawson, Prosperity, Armazindy, Joost, etc., at $5.00 per 100; $45.00 per 1000. Good stock grown on new ground.

ROSES! ROSES!

Brides and Maids, extra fine, 4-in., $8.00 per 100.
Brides and Maids, strong, 3-in., $3.50 per 100; $30.00 per 1000.
Ivory and Gate, very choice, 3-in., $4.00 per 100; $35.00 per 1000.
5-inch **Asparagus Plumosus,** good, $25.00 per 100. Strong 3-inch **Smilax,** $4.00 per 100. 3-inch **Sprengeri,** $4.00; 4-inch, $7.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

PRIMULA, quality guaranteed. Obconica Grandiflora, finest fringed, Alba and Rosea, new lot ready soon, 2-inch, 2c.

GIANT CYCLAMEN, mixed, of the very finest quality, just arrived from Europe, 55c per 100; $4.50 per 1000, prepaid. Cash. Some clippings from our mail:—GA.—My Pansies bought of you are fine, all in bloom. OHIO—The Pansies I got of you some time ago are in bloom and are fine. 2d order. PA.—Pansies were O.K. This is not from our own town. FLA.—My customers are very much pleased. They turned out the finest blooms in city.

Our strain for this season is still better. Quality talks when it comes to retail trade and the people see the blooms. Write us also on HOLLYHOCKS.

BYER FLORAL CO., SHIPPENSBURG, PA.

Mention The Review when you write.

Gerbera Jamesoni

I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3.00 per dozen.

CHARLES H. TOTTY, MADISON, N. J.

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VIOLETS

From 3-in. fine stock, ready now. Princess of Wales, M. Louise and Imperial, $4 00 per 100; $35 00 per 1000.

ROSES

Chatenay, La Detroit and Meteor, from 3-in., $4 00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

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NEW BEGONIA

Turnford Hall

from 2-inch pots, $15 per 100; $140 per 1000.

LEHNIG & WINNEFELD, Hackensack, N. J.

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Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

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DREER'S ARAUCARIAS



ARAUCARIA EXCELSA.

We have a fine stock of these which we offer at very favorable prices. Now is the time to lay in your supply and secure the benefit of the summer's growth.

ARAUCARIA EXCELSA

Inch pots	Height	Tiers	Each
4	5 to 6 inches	2	$0.35
5	8 to 10 inches	3	.60
6	12 to 14 inches	3 to 4	.75
6	14 to 16 inches	4	1.00
6	16 to 18 inches	4	1.25
7	20 to 24 inches	4 to 5	1.50

Araucaria Excelsa Glauca

Inch pots	Height	Tiers	Each
5	8 inches	2	$0.75
6	13 to 15 inches	3	1.25
7	15 to 18 inches	4	1.75
7	22 to 24 inches	4 to 5	2.00

Araucaria Robusta Compacta

Inch pots	Height	Tiers	Each
6	10 inches	2 to 3	$1.25
6	12 inches	3	1.50
7	16 inches	3 to 4	2.00

For complete list of Seeds, Plants and Bulbs for immediate planting, see our Wholesale Price List.

HENRY A. DREER
714 Chestnut St., Philadelphia, Pa.

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MY MARYLAND Pure White

JESSICA Red and White Variegated

TWO GREAT CARNATIONS FOR 1906.

$2.50 per doz.; $12 per 100; $100 per 1000.

Are you shrewd in business? Yes? Then write us immediately concerning these two great carnations.

THE E. C. HILL CO. RICHMOND, IND.

THE H. WEBER & SONS CO. OAKLAND, MD.

Mention The Review when you write.

PRIMROSES

Chinese and Obconicas, ready now	$2.00 per 100
Forbesi, Baby	2.00 "
Floribunda, yellow	2.00 "

ASPARAGUS

Plumosus nanus, 2-inch pots	$2.00 per 100
Sprengeri, 2-inch pots	2.00 "
Shasta Daisy, 2-inch pots	2.50 "
Pansy Seed, large flowering	4.00 per oz.

Cash. **JOS. H. CUNNINGHAM, DELAWARE, OHIO.**

Mention The Review when you write.

VIOLETS.

"LINNHURST." ETTRICKS, VA., Aug. 12, 1905.
GEO. T. SCHUNEMAN,
Baldwins, L. I., N. Y.

DEAR SIR:—Received the violet plants. I had them opened at the office and found them all O. K. Thank you for sending such nice plants. They are standing up fine. Yours truly
R. D. No. 1. (Miss) IVA MILLS.

Last call No more after this week. Only 5000 left. Be quick.

Marie Louise Violets. Schuneman's famous violets are well known as the most fragrant of all violets. Fine plants for benching at once, guaranteed the best stock in the market, none better. Only $2.00 100; $15.00 1000. Come and take a look at them. Only seventeen miles from New York City. Samples, 10c. Cash, money returned if not suited.

GEO. T. SCHUNEMAN, Baldwins, L. I., N. Y.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Choice Northern Field-Grown

ROSES

Also Rose Plants

leading varieties out of 2½-inch pots, at prices which will interest you.

C. M. Niuffer, Springfield, O.

Mention The Review when you write.

Queen Beatrice

KANSAS CITY.

The Market.

There is very little to report from here this week, several of our leading florists being out of town attending the convention. This city was visited by a severe storm of wind and rain, damaging the growing crops, but inflicting little damage to stuff not yet housed. Nearly all the growers have benched their carnations, a few still holding off. Roses are beginning to come in in better condition and prices are stiffening up a little. Carnations are still of poor quality and are not in very great demand. Asters, gladioli, rudbeckia and other summer blooms are selling fairly well, but only fair prices are being realized.

Various Notes.

Several of the florists here suffered quite a loss to their glass by a hail storm which passed over here last Thursday.

While visiting among the growers last week we found some new places which have been overlooked in the past. Among those visited was the plant of Chas. Laundy, of 4800 Broadway. Mr. Laundy is off quite a piece from the car line, but his place reflects credit upon his efforts. Although a young man, starting with but little capital six years ago, he has now 6,000 feet of glass devoted to bedding plants exclusively. His local trade is sufficient to clean up his entire stock.

Another place visited was that of A. Blankenfeld, at Thirty-eighth and Main. His place consists of about 6,000 feet, in which are grown about 3,000 carnations, principally Joost, for which he has an excellent market. Mr. Blankenfeld has a bench of excellent mums which are the best I have seen. His trade has reached quite satisfactory proportions.

An invitation has been extended by one of our prominent florists to attend an outing to be given by him about the middle of next month at his country home to all the florists in the city and vicinity. A large crowd is expected and as the host is known never to do anything by halves, a splendid time is assured.

"The finest we have ever seen for this time of the year," was the verdict of a number of out-of-town florists, who under the chaperonage of your correspondent looked into the house of Gloire de Lorraine belonging to Samuel Murray, at Thirty-third and Prospect. That he will create a sensation at the flower show goes without saying.

Speaking of the flower show, that it will be one of the finest is assured, backed as it is by the best business men in the city, who will spare no expense to make it a howling success. Their motto has always been, "Hang the expense, only make this town a good place in which to live." NARCISSUS.

15,000 CARNATIONS

FIELD-GROWN

4 to 6 stems, of the following varieties in prime condition.

Enchantress, Lawson, Norway, Queen Louise, Prosperity, Joost, $50.00 per 1000.

Strictly Cash with order.

LINCOLN I. NEFF, PITTSBURG, PA.

Mention The Review when you write.

FIELD-GROWN Carnation Plants

	Per 100	1000
Lawson	$6.00	$50.00
Nelson	5.00	40.00
Morning Glory	5.00	40.00
Guardian Angel	5.00	40.00
Crusader	$5.00	$40.00
Queen Louise	5.00	40.00
Flora Hill	5.00	40.00

ROSES!

	Per 100	1000
Am. Beauty, 3½-inch	$ 6 00	$ 50 00
Max von Herresdorfer, 3½-inch	5 00	40 00
Ideal, 3½-inch	5 00	40 00
Rosalind Orr English, 3½-inch	25 00	200 00
La Detroit, 3½-inch	6 00	50 00
Bridesmaid, 3-inch	4 00	35 00

ROSES!

	Per 100	1000
Am. Beauty, 2½-inch	$5 00	$40 00
Uncle John, 2½-inch	3 00	25 00
Wm. Askew, 2½-inch	5 00	40 00
Sunrise, 2½-inch	4 00	35 00
Bridesmaid, 2½-inch	2 50	20 00
Am. Beauty, bench plants, cut down and well packed	5 00	40 00

All plants sold under express condition that if not satisfactory when received, they are to be immediately returned, when money will be refunded.

ASPARAGUS

	Per 100	1000
Plumosus, 3½-inch	$7 00	$65 00
Sprengeri, 3½-inch	5 00	45 00

PETER REINBERG, 51 Wabash Ave. CHICAGO

Telephone 2846 Central

Mention The Review when you write.

C. R. HILLS, Grand Rapids, Mich.

	Per 100
Primroses, all varieties, 2¼-in	$2.00
Cinerarias, 2¼-in	2.00
Xmas Peppers, 2¼-in., $2.00; 3-in	3.50
Asparagus Plumosus Nanus, 3-in.	$5.00
Forget-Me-Nots, field clumps	4.00
Smilax, 2¼-in	1.50

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

Carnations FIELD GROWN

2000	The Belle	$10.00 per 100;	$95 00 per 1000	
2000	Flamingo	8.00 "	75.00 "	
1200	Mrs. Patten	8 00 "	75.00 "	
1500	Nelson Fisher	8.00 "	75.00 "	
1100	Mrs. Nelson	6.00 "	55 00 "	
1800	White Cloud	6.00 "	55 00 "	
500	Prosperity	6.00 "	55.00 "	

CHRYSANTHEMUMS

Fine plants ready to shift; 1000 fine Wm. Duckham, 100 Ben Wells, 150 Thirkell, 350 C. H. Diedereich, 150 F. S. Vallis, 100 Millicent Richardson, 2-inch, $3.00 per 100. 50, 3-inch Ben Wells and 300, 3-inch Wm. Duckham, $4.00 per 100.

ROSE PLANTS.

100 4-inch Perles, $8.00; 200 3-in. Brides, 900 3-in. Maids, $4.00; 150 Gates, 150 Perles, 125 Ivory, 50 Meteor, 2½-in., $3.00 per 100. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

The best is the cheapest in the end.

25,000 LARGE, BUSHY, HEALTHY FIELD-GROWN

CARNATION

Plants Now Ready

	Per 100		Per 100
Fiancee	$15.00	May Naylor	$5.00
The Cardinal	14.00	Her Majesty	5.00
The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
White Lawson	6.00	Queen Louise	4.00
Thos. Lawson	6.00	Crusader	5.00
M. A. Patten	6.00	Challenger	4.00

—CASH—

C. L. HOWE, DOVER, N. H.

CARNATION SPECIALIST.

Mention The Review when you write.

Queen Beatrice

Carnation Plants

THE UNITED STATES CUT FLOWER CO., ELMIRA, N. Y.

Have a selection of fine high-land-grown stock, free from rust, stem-rot or any other disease, in the varieties named, which they are quoting at the following prices:

	1st Grade Per 100	2nd Grade Per 100
ENCHANTRESS	$7.00	$5.50
LAWSON	6.00	5.00
WHITE CLOUD	5.00	4.00
GLACIER	4.50	3.50
PROSPERITY	5.00	4.00
JOOST	4.00	3 00
GUARDIAN ANGEL	4.00	3.00
CROCKER	4.00	3.00

FINE SMILAX PLANTS,

$2.50 per 100.

Stock limited. Place orders EARLY.

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BEGONIA VERNON

2½-inch pots, $2.50 per 100.

	Per 100
COLEUS—Verschaffeltii, Victoria and Golden Bedder	$2.50
ACHYRANTHES	2.50
SALVIAS	3.00
VERBENAS, flowering	2.50
ALTERNANTHERAS	2.00
HARDY IVIES	4.00
ALYSSUM	2.50
LOBELIA	2.50
AGERATUM	2.50
ZINNIAS	3.00
MME. SALLEROI	3.00

CHAS. A. KNAPP, Chestnut Hill, Pa.

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Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3 per doz.; $25 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	6	24-26	6-7	$1.25	15.00	
" "	7	32-34	6-7	2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	4	18-20	3-5	.30	3.60	
" "	5	24-26	4-6	.60	7.20	
" "	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18 00	
" "	7			2.00	24.00	
" "	9			8.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
" "	5			.25	3.00	
Dracaena Fragrans	4				3.00	
" "	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "				5.00
Boston Ferns 2 runners						4.00
Japanese Fern Balls, in leaf					4.00	

NEPHROLEPIS BARROWSII strong, stocky plants, 2½-in., $25.00 per 100

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, **CHICAGO.**

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FOR SALE

FINE, BUSHY

Carnation Plants

Out of Field. Clean Stock.

BOSTON MARKET .....5c each
QUEEN LOUISE.....5c each
ENCHANTRESS .....6c each
LAWSON, pink .....6c each
FLAMINGO .....10c each
LADY BOUNTIFUL.....10c each
WHITE LAWSON.....10c each

STRONG 4-INCH MAIDS
clean stock to close out at $6.00 per 100 until sold.

Pittsburg Rose and Carnation Co.
CRYSTAL FARM,
P. O. Address, GIBSONIA, PA.

Mention The Review when you write.

Field-Grown CARNATIONS, strong

Enchantress and Flamingo, $7.00 per 100.
Prosperity ..... 5.00 "

ASPARAGUS SPRENGERI,
From 4-inch pots, $5.00 per 100.

James Patience, Noroton Heights, Conn.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906
Wonderfully productive.

INDIANAPOLIS FLOWER & PLANT CO.
and **JOHN HARTJE,** Indianapolis, Ind.

Mention The Review when you write.

FIELD-GROWN Carnations

	Per 100		Per 100
Queen Louise	$5 00	Enchantress	$7.00
Flora Hill	5.00	Lawson	5.00
Gov. Wolcott	5.00	Morning Glory	4.00
Crane	5 00	Genevieve Lord	4.00
Estelle	5.00	Prosperity	5.00

CASH.

CENTRAL GREENHOUSES, Sandusky, O.

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FIELD-GROWN

Carnations

First-class, clean, healthy plants.

	Per 100	Per 1000
MRS. LAWSON	$5.00	$45.00
MRS. NELSON	5.00	45.00
GUARDIAN ANGEL	5.00	40.00
FLORA HILL	5.00	40 00
WHITE CLOUD	5 00	40.00
QUEEN LOUISE	5.00	40.00

Rose Plants

One year old, bench plants cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3.50	30.00
GOLDEN GATE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., **CHICAGO**

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FIELD-GROWN

CARNATIONS

Strong and Healthy.

MRS. PATTEN	per 100,	$7.00
GOV WOLCOTT	"	6.00
BOSTON MARKET	"	6.00
LAWSON	"	7.00
MACEO	"	5.00

I also have Berberis Thunbergii, Rosa Lucida, Rosa Rugosa, Viburnum Cassinoides and Viburnum Dentatum. Write for prices.

Sidney Littlefield, No. Abington, Mass.

Always mention the Florists' Review when writing advertisers.

Carnations

PLANTS FROM THE FIELD

Lady Bountiful	Enchantress
Moonlight	Indianapolis
Vesper	Nelson
The Bride	Joost
Queen	Genevieve Lord
Boston Market	Lippincott
Mackinac	Lawson
Queen Louise	Adonis
Lorna	Flamingo
Flora Hill	Estelle
Norway	Prosperity
Harlowarden	Mrs. Patten
Roosevelt	Mrs. Bradt

Plants ready for delivery. State quantity you can use of each variety and we will quote prices. All the stock we are offering is in good condition.

The LEO NIESSEN CO.
1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

FLAMINGO

800 FINE
Field-Grown Plants

at $6.00 per 100, or
$40 for the lot.

HELLER BROS., New Castle, Ind.

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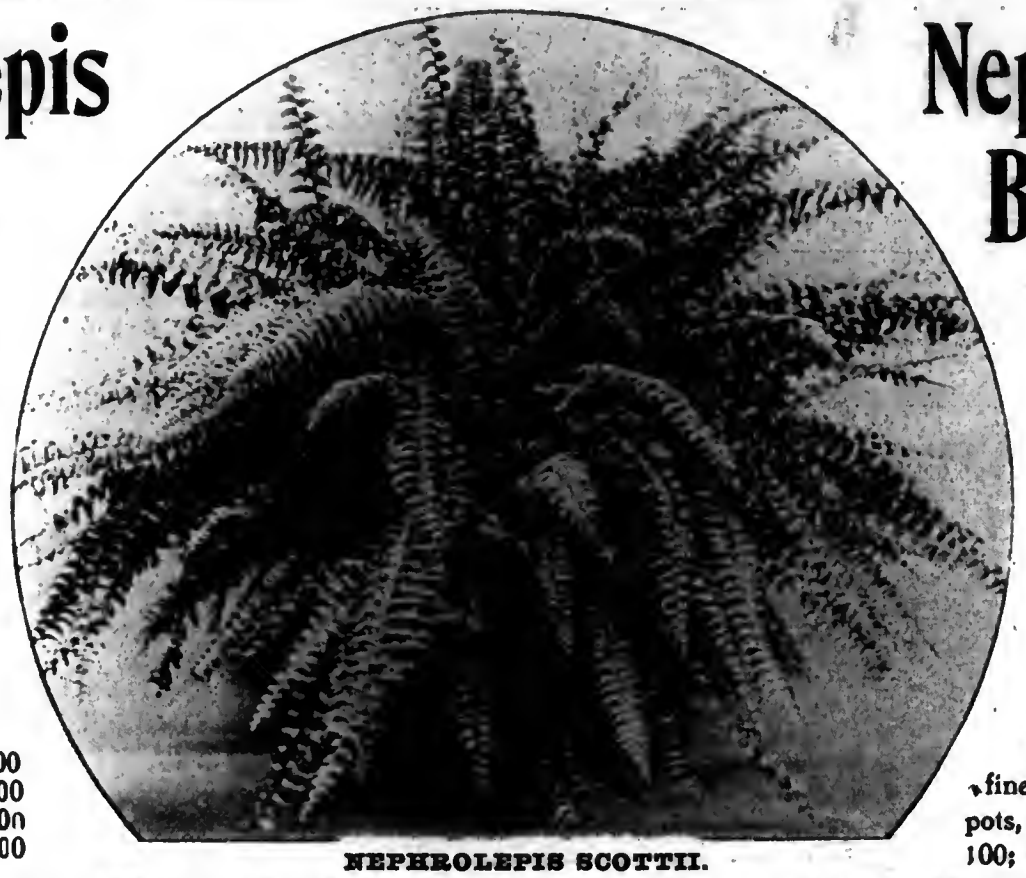
Nephrolepis Scottii

Note reducion in price for delivery on and after Sept. 1.

We have an immense stock of this most useful of all the Nephrolepis and are prepared to book orders for fine young plants in 2¼-inch pots for delivery Sept. 1, at 75c per doz.; $6.00 per 100; $50.00 per 1000.

Also for immediate delivery:

	Per doz.	Per 100
4-inch pots,	$3.50	$25.00
5-inch pots,	6.00	50.00
6-inch pots,	12.00	90.00



NEPHROLEPIS SCOTTII.

Nephrolepis Barrowsii

This is an improvement on Nephrolepis Piersoni and we have every reason to believe that this will hold the same position to the Pierson Fern that Scottii now holds to the old Boston. You will make no mistake in investing in it at once.

We offer originator's stock, fine young plants from 2¼-in. pots, $3 50 per doz.; $25.00 per 100; $200.00 per 1000.

See Our Wholesale Price List for Seeds, Plants and Bulbs for present planting.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

TORONTO.

The Market.

Trade during the past week has been considerably better than during the first two weeks of the month; this may be accounted for by the cooler weather and the amount of funeral work the retail florists have had during the week. Asters and gladiolus are coming in in great quantities, and we were informed that asters were wholesaled as low as $1.80 per 1,000. We do know that they were retailed at 5 cents per dozen. Good asters are bringing from $1 to $1.50 per 100 wholesale. Roses and carnations are scarce. A few fairly good carnations are being sent in off of young stock, but in very limited quantities.

Various Notes.

Mr. Chas. Tidy, of S. Tidy & Son, and Mr. H. G. Dilmuth are back to duty again after their vacation.

The new Yonge street store "The Rosary" is nearing completion and is expected to be opened before the end of the month. It certainly looks at this stage as though no limit was being put on the amount expended in fitting it up.

At the present moment it looks as though the Canadian Florist was to be started again; this time by the Horticulturist Publishing Co. This will at least insure it a good financial backing, and it will now be up to the Canadian trade to support it.

The boys who took in the Montreal convention are still talking about the time they had at Montreal. The Montreal Florists' Club certainly used the visiting delegates the best they knew how, and the Toronto boys consider they know how, even to the Montreal grand bounce which they were treated to when entraining for home. D. J.

BEAVER, PA.—W. S. Kidd has just erected three houses, 20x100, and will grow roses, carnations and general stock.

Field-Grown Carnations

FINE, HEALTHY PLANTS

CRISIS, new commercial scarlet, $2.00 per doz.: $15.00 per 100.

FLAMINGO, $10.00 per 100.

QUEEN LOUISE, FLORIANA, PORTIA, PALMER, MORNING GLORY, ELDORADO, SCOTT, DOROTHY, MERMAID, Price, $5.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

FIELD-GROWN SINGLE

VIOLET Plants

Princess of Wales and Dorsett,
$6.00 per 100; $50.00 per 1000.

FIELD-GROWN

CARNATION PLANTS

Glacier.....$45.00 per 1000
Peru ..... 35.00 per 1000
Morning Glory..... 45.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

FIELD-GROWN CARNATIONS

Extra fine plants of the following varieties, free from all disease—no stem-rot. Nothing cheap but the price.

	Per 100		Per 100
200 Enchantress	$6.00	100 Glacier	$5.00
300 Lawson	5 00	400 Scott	4 00
300 Joost	5.00	100 Morning Glory	4.00
100 Estelle	5.00	100 Flora Hill	5.00
100 White Cloud	5.00	Cash with order, please.	

C. W. ESPY & SON, BROOKVILLE, PA.

Mention The Review when you write.

As long as we are in the business consider us a subscriber to your paper.—THADDEUS N. YATES & Co., Philadelphia.

MUMS

LAST CALL

We still have a few thousands of Chrysanthemums in excellent condition for planting, including such varieties as:

Viviand-Morel, Convention Hall,
Wm. Duckham, Ivory,
Pink Ivory, Mrs. Murdock,
Maud Dean, Glory of Pacific,
Opah, Polly Rose,

Price, $2.50 per 100; $20.00 per 1000.

We also have a limited quantity of many other sorts.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Queen Beatrice

Mention The Review when you write.



The New Variegated Begonia, "Templinii."

BEGONIA "TEMPLINII"

A VARIETY OF Marvelous Beauty

This magnificent Begonia is a novelty of sterling worth and is destined to become the most popular Begonia ever introduced.

As a bedder or decorative plant for house culture it is without a peer.

We will be ready to take orders and will deliver plants September 15, 1905.

The Templin Co.

CALLA, OHIO.

Mention The Review when you write.

Field-grown Carnation Plants

White—Queen Louise, The Queen, Boston Market, Vesper.
Pink—Lawson, Floriana, Enchantress, Fair Maid, Indianapolis.
Crimson—Harlowarden.
Variegated—Prosperity, Mrs. Patten.
Scarlet—Flamingo.
Red—Cardinal, Eventide.

TRUE STOCK. Prices on application.

SAMUEL S. PENNOCK,
1612 Ludlow Street, PHILADELPHIA

Mention The Review when you write.

SPRENGERI

2-in. $2 50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $1.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address John G. Esler, Sec'y. Saddle River, N. J.

Mention The Review when you write.

ROSES CHEAP TO MAKE ROOM

The following list in 2-inch at $15.00 per 1000. No less than 500 at this price.

Cornelia Cook	Mary Washington	Catherine Mermet	Marie Van Houtte
Mme. Margottin	Baltimore Belle	Clothilde Soupert	Marie Guillot
Snowflake	Yellow Rambler	White Niel	Pink Maman Cochet
White Rambler	Pink Rambler	Mlle. F. Kruger	White Maman Cochet

The following at $2.00 per 100; $17.50 per 1000.

Kaiserin Augusta Victoria	Pink La France	Bride	Bridesmaid
	Crimson Rambler		

Will exchange a part for Boston or Piersoni Ferns. State what you have to offer.

THE REESER FLORAL CO., - Urbana, Ohio.

Mention The Review when you write.

MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10, $4.00 per 1000.

CHARLES S. DUTTON,
85 W. 12th St. Holland, Mich.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

FIELD-GROWN CARNATION STOCK SOLD OUT.

ROBERT C. PYE
Nyack, N. Y.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ADIANTUMS.

Maiden-hair fern A. cuneatum and hybridum, 3, 5 and 7-in. stock. Room wanted; if you want to stock up cheaply write for prices. Would exchange for field-grown carnations.
J. Macfarlane, Staatsburg-on-Hudson, N. Y.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, 4-in. pots, ready for 5 or 6-in., very strong, 12c to 15c; 5-in., 25c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

AGAVES.

Agaves (century plants), variegated, 12 to 17 good leaves, 20 to 24 in. high, well packed, $2.50 each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

AGERATUMS.

Ageratums, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALTERNANTHERAS.

Alternantheras, $2.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

ALYSSUM.

Alyssum, giant double for winter flowering, fine plants, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Alyssum, double; nice, young, 2¼-in. stuff, $2.00 per 100. J. W. Myer, Rosedale, Ind.

Alyssum, double giant, 2¼-in., $2.00 per 100.
The Stover Floral Co., Grandville, Mich.

Alyssum, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

AMPELOPSIS.

AMPELOPSIS VEITCHII, 5000 strong plants in 3½-in. pots, staked, with tops two to three feet, prime condition, $6.00 per 100.
J. T. Lovett, Little Silver, N. J.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers, 50c; 5½-in. pots, 13 to 15 in. high, 3 to 4 tiers, 60c; 6-in. pots, 16 to 18 in. high, 3 to 4 tiers, 75c; 6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers, $1.00; 6½-in. pots, 20 to 24 in. high, 5 to 6 tiers, $1.25 each. A. compacta robusta, very large, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each. A. excelsa glauca, 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each. Cash.
G. Aschmann, 1012 Ontario St., Phila.

DREER'S ARAUCARIAS. We have a stock of these which we offer at very favorable prices (see display adv.). Now is the time to lay in your supply and secure the benefit of the summer's growth.
Henry A. Dreer, 714 Chestnut St., Phila.

ASPARAGUS.

Asparagus plumosus nanus, heavy, 5 to 8-in. tops, from 2-in. pots, $1.90 per 100. Asparagus Sprengeri, heavy, 6 to 10-in. tops, from 2-in. pots, $1.90 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus plumosus, 2½-in. pots, 50c per doz., $2.00 per 100. Asparagus Sprengeri, 2¼-in. pots, 40c per doz., $2.00 per 100; 3-in. pots, 60c per doz., $3.00 per 100.
A. L. Harmon, Iola, Kan.

Asparagus plumosus nanus seedlings from flats, $6.00; transplanted, large, $12.00 1000. Sprengeri seedlings, $6.00; transplanted, large, $10.00 1000.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 2¼-in., $2.50 per 100; 3-in., $5.00 per 100; 4-in., $6.00 per 100. Cash with order.
Fairies' Farm. M. S. Fleming, Prop., Steelmanville, N. J.

100,000 Asparagus plumosus nanus, fine, young plants from benches, $6.00 per 1000. 5000 last year's plants in 2½-in. pots, $1.50 per 100. Cash. Samples free. S. B. Ritter, Port Royal, S. C.

30,000 Asparagus pl. nanus, very fine plants, 4-in., $10.00; 3-in., $5.00; 2¼-in., $2.50; from flats, $1.00 per 100. A. Sprengeri, same price. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Asparagus plumosus, 200 3-in. at 5c each, 200 3½-in. at 6c each, 300 4-in. at 7c each. These are strong crowns just ready for bedding.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus seedlings, fine, strong, $1.25 100, $10.00 1000, delivered; 2-in., $3.00 100; $25.00 1000, f. o. b.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus, 2¼-in., at $2.50 per 100; 3-in. at $5.00 per 100; strong but not stunted. Cash. Jos. E. Bonsall, Salem, Ohio.

Asparagus Sprengeri, 1 year old from bench, 10 to 15 fronds to plant; to make room, $5.00 per 100. Krueger Bros., Toledo, Ohio.

Asparagus Sprengeri, 3½-in., $5.00 100; $45.00 1000. A. plumosus, 3½-in., $7.00 100; $65.00 1000. P. Reinberg, 51 Wabash Ave., Chicago.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus from flats, $1.00 per 100; 2½-in., $2.00. Cash. L. G. Rollston, 306 W. La Fayette Ave., Fayetteville, Ark.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

Asparagus plumosus, 5-in., good, $25.00 100. Sprengeri, 3-in., $4.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus, nice, bushy plants, from 2½-in., $3.00 100; $25.00 1000. Cash.
Baur Floral Co., Erie, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

10,000 Asparagus plumosus nanus seedlings, from flats, $10.00 1000. Cash.
A. Wolniewicz, 1826 N. Claremont Ave., Chicago.

Asparagus plumosus nanus, strong, 3-in., $25.00 1000. Freight prepaid.
A. Mitting, 17-23 Kennan St., Santa Cruz, Cal.

1000 Asparagus Sprengeri, strong, 4-in. pots, $10.00 per 100. Sample free.
John Christman, Stanford, Ky.

Asparagus Sprengeri. Extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus nanus, 4-in. pots, strong plants, $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus and Sprengeri, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, one year old, from bench, 5c. Cash.
Joseph Wood, Spring Valley, N. Y.

Asparagus Sprengeri and plumosus, in 2 to 6-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

800 plumosus, 2½-in., $14.00. Cash to close out. Roney Bros., West Grove, Pa.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 3-in., $7.00 100. Cash. G. Aschmann, 1012 Ontario St., Phila.

Asparagus Sprengeri, 2-in., $2.00 100; $18.00 1000. Dinstel Bros., 1056 N. 62nd Ave., Chicago.

3000 Asparagus Sprengeri, 2-in., $2.00 100, any quantity. W. L. Hucke, Belleville, Ill.

Asparagus plumosus, 2½-in., $2.50; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Asparagus plumosus, fine, large clumps, 5c each.
S. J. Bunting, Elmwood Ave. & 58th St., Phila.

Asparagus plumosus nanus, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, 4-in., $5.00 100.
James Patience, Noroton Heights, Conn.

BAY TREES.

We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Alyssum giant and dwarf, heliotropes, lantanas, Swainsona alba and rosea, plumbago white and blue, hardy English ivy, $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Choice surplus stock of geraniums, coleus, and begonias, 3-in. pots, 3c; 2½-in. and 2-in., 2c.
F. A. Knull, Lakeside Greenhouses, Larwill, Ind.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Begonia Gloire de Lorraine, strong young plants from leaf cuttings now ready for 4-inch pots. $15.00 per 100. Plants from 3-inch pots, strong stock, twice cut back, $25.00 per 100. From 4-inch pots, heavy plants, $40.00 per 100. All sizes ready for immediate delivery.
J. A. Peterson, McHenry avenue, Westwood, Cincinnati, O.

Begonia TEMPLINII is a variety of marvelous beauty and is destined to become the most popular begonia ever introduced. Orders booked now for Sept. 15th delivery.
The Templin Co., Calla, O.

Rex begonias, good varieties in assortment, 2-in., $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $6.00; 3-in., $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Flowering begonias, good assortment of best varieties, 2½-in. pots, $3.00 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

New begonia, TURNFORD HALL, from 2-in. pots, $15.00 per 100, $140.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

Rex begonias, 4-in., $5.00 100; 4 flowering begonias, 4-in., $10.00 100.
Geo. A. Kuhl, Pekin, Ill.

Begonia Vernon, 2½-in., $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Jerusalem cherries, pot-grown, 4-in., ready for a shift, very bushy, $6.00 per 100; $50.00 per 1000. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

Christmas peppers, 2¼-in. pots, 40c per doz., $2.00 per 100; 3 and 4-in. pots, 2 fine plants in a pot, $3.00 per 100.
A. L. Harmon, Iola, Kan.

Celestial peppers, strong, 2½-in., $3.00 100; $25.00 1000. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Christmas peppers, 2½-in., $2.00 100.
Morton's Evergreen Lodge, Clarksville, Tenn.

Christmas peppers, 2¼-in., $2.00 100; 3-in., $3.50 100. C. R. Hills, Grand Rapids, Mich.

Celestial peppers, 4-in., $15.00 100.
Geo. A. Kuhl, Pekin, Ill.

BULBS.

Importer and exporter of all horticultural products of the best grades at reasonable prices. Send me your list of wants to be priced. We pay special attention to the bulb business and can quote you attractive prices.
F. W. O. Schmitz, Prince Bay, N. Y.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Calla bulbs and paper white narcissi. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

LILIUM HARRISII.	12	100	1000
5 to 7-inch	$ .60	$3.75	$32.00
6 to 7-inch	.75	4.75	42.00
7 to 9-inch	1.00	7.00	65.00
9 to 11-inch	2.25	16.00	
LILIUM CANDIDUM.			
French stock	.65	4.50	42.00
French stock, 1st size	.55	4.00	38.00
Northern grown, hardy stock.			
Mammoth	$ .75	$5.00	$45.00
1st size	.65	4.50	42.00
NARCISSUS.			
Paper white grandiflora.			
13 cm. up	.20	1.00	9.00
15 cm. up	.25	1.25	10.50
French Trumpet major	.25	1.25	10.00
FREESIAS.			
Bermuda, French, ⅜-½	.10	.45	3.50
Bermuda, French, ½-¾	.15	.75	6.00
Buttercup oxal., Bermuda	.20	1.00	8.00

H. H. Berger & Co., 47 Barclay St., New York.

Freesias. Nearly two million from ¼ to ½ inch up, fine, sound bulbs ready for immediate delivery. Also Grand Duchess oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.
Rees & Compere, Long Beach, Cal.

Rawson's Bermuda-grown Harrisii and freesias now ready for delivery. We are ready to book orders for Lilium longiflorum, Roman hyacinths, Paper white grandiflora and other forcing bulbs. Write for our florists' list.
W. W. Rawson & Co., Boston, Mass.

All the large size bulbs of my grand freesia PURITY are sold, but I have a smaller size, strong flowering bulbs which will give entire satisfaction, that I offer at $3.00 100, $20.00 1000. Cash with order.
R. Fischer, Great Neck, L. I., N. Y.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

EMPEROR DAFFODIL BULBS. Grown here 12 years. Absolutely pure, healthy and well-grown, $4.00 100, $30.00 1000.
M. Crawford, Cuyahoga Falls, O.

Narcissus double white, perfectly hardy, fragrant, beautiful. Fine for Decoration day. Price low to close out.
F. A. Baller, Bloomington, Ill.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Bulbs for fall planting. Lilium Harrisii, fine bulbs, ready now. Callas, freesias, French Romans, etc., soon.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Elliott's Little Gem calla bulbs, dormant, $1.20 100; $10.00 1000. Danville Plant & Flower Co., 317 N. Vermilion St., Danville, Ill.

Bulbs, Virginia grown. Emperor, $14.00; Princeps, $5.00; P. ornatus, $4.00.
Post Bros., Ettricks, Va.

Our narcissus bulbs cannot be beat, write us regarding your wants.
N. Le Page, Mt. Vernon, N. Y.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

Paper white narcissus. Prices on application.
Thos. Thompson, Santa Cruz, Cal.

CACTI.

Cacti. Fine specimen plants, thrifty and true to name, 8 for $2.50. Stapelia (starfish cactus), blooming, $2.50 per 100. Cane cactus and rattail cactus, 50c per doz. For cash only and by express. One dozen good plants by mail, $1.00.
Mrs. M. E. Patterson, Glendale, Cal.

Cacti, 10 varieties, $7.00 per 100. Prepaid.
J. A. McDowell, Mexico City, Mex

CARNATIONS.

Carnations plants from field.

Lady Bountiful	Enchantress
Moonlight	Indianapolis
Vesper	Nelson
The Bride	Joost
Queen	Genevieve Lord
Boston Market	Lippincott
Mackinac	Lawson
Queen Louise	Adonis
Lorna	Flamingo
Flora Hill	Estelle
Norway	Prosperity
Harlowarden	Mrs. Patten
Roosevelt	Mrs. Bradt

Plants ready for delivery. Write for prices.
Leo Niessen Co., 1217 Arch St., Phila.

Carnation plants, fine high land grown stock, free from disease.

	1st Grade.	2nd Grade.
Enchantress	$7.00 per 100	$5.50 per 100
Lawson	6.00 per 100	5.00 per 100
White Cloud	5.00 per 100	4.00 per 100
Glacier	4.50 per 100	3.50 per 100
Prosperity	5.00 per 100	4.00 per 100
Joost	4.00 per 100	3.00 per 100
Guardian Angel	4.00 per 100	3.00 per 100
Crocker	4.00 per 100	3.00 per 100

Stock limited. Place orders early.
United States Cut Flower Co., Elmira, N. Y.

Healthy, field-grown carnation plants, large and bushy, now ready. Per 100:

Fiancee	$15.00	May Naylor	$5.00
The Cardinal	14.00	Her Majesty	5.00
The Belle	8.00	Goodenough	5.00
The Queen	6.00	Floriana	5.00
Enchantress	6.00	Gov. Wolcott	5.00
White Lawson	6.00	Queen Louise	4.00
Thos. Lawson	6.00	Crusader	5.00
M. A. Patten	6.00	Challenger	4.00

Cash with order.
C. L. Howe, Dover, N. H.

Strong, clean, healthy, field-grown carnation plants now ready.

	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
White Cloud	5.00	40.00
Flora Hill	5.00	40.00
Estelle	6.00	
Enchantress	7.00	65.00
Armazindy	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants. Prices on application. True stock.

Queen Louise	Indianapolis
The Queen	Harlowarden
Boston Market	Prosperity
Vesper	Mrs. Patten
Lawson	Flamingo
Floriana	Cardinal
Enchantress	Eventide
Fair Maid	

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnation plants, fine, healthy. Crisis, new commercial scarlet, $2.00 doz.; $15.00 100.

	100		100
Flamingo	$10	Palmer	$5
Queen Louise	5	Dorothy	5
Morning Glory	5	Portia	5
Scott	5	Eldorado	5
Floriana	5	Mermaid	5

J. L. Dillon, Bloomsburg, Pa.

FIELD-GROWN CARNATION PLANTS.
25,000 LAWSON.

	Per 100		Per 100
Lawson	$5.00	Wolcott	$4.00
Bradt	5.00	Joost	3.00
Naylor	5.00	Scott	3.00
Louise	5.00	Maceo	4.00
Prosperity	4.00		

EDWARD J. TAYLOR, Southport, Conn.

Field-grown carnations. Per 100

White Cloud	$5.00	Enchantress	$5.00
Chicago	5.00	Flamingo	5.00
Bradt	5.00	Whitney	5.00
Wood	5.00	Lawson	5.00
Wolcott	5.00	Estelle	5.00
Harlowarden	5.00	Prosperity	6.00
Crusader	6.00		

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, fine stock; 1500 Queen Louise, 900 Joost, 400 each Higginbotham, Flora Hill, 300 each Morning Glory, Dorothy, Marshall Field, Harlowarden, Peru, also Nelson, Her Majesty, Dorothy Whitney, Boston Market and Daybreak Perfection, $5.00 per 100. Cash with order.
Horace G. Welty, 1808 Doan St., Cleveland, O.

Field-grown carnation plants, strong, healthy and free from disease. Mrs. Thos. W. Lawson, $6.00 per 100; $50.00 per 1000. Gov. Wolcott, $6.00 per 100; $50.00 per 1000. Boston Market, extra large and healthy, excellent value, $6.00 per 100; $55.00 per 1000.
Jensen & Dekema, 631 W. Foster Ave., Chicago.

Field-grown carnations, extra fine, free from disease. Per 100:

Enchantress	$6.00	Glacier	$5.00
Lawson	5.00	Scott	4.00
Joost	5.00	Morning Glory	4.00
Estelle	5.00	Flora Hill	5.00
White Cloud	5.00	Cash.	

C. W. Espy & Son, Brookville, Pa.

Carnations, strong, healthy, field-grown. Admiral Cervera, best paying yellow; Boston Market, Gov. Wolcott, Gomez, Floriana, Glacier, Lawson and Mrs. E. A. Nelson, $5.00 per 100; $45.00 per 1000. Queen, Flamingo and Mrs. M. A. Patten, $6.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
S. J. Goddard, Framingham, Mass.

Fine, bushy, field-grown carnations.

Boston Market	5c	Flamingo	10c
Queen Louise	5c	Lady Bountiful	10c
Enchantress	6c	White Lawson	10c
Lawson, pink	6c		

Pittsburg Rose & Carnation Co., Gibsonia, Pa.

Field-grown carnations, 1200 Estelle, 700 Enchantress, 250 Queen Louise and a few hundred Gov. Roosevelt and Harlowarden, $5.00 per 100; $45.00 per 1000; fine, strong plants.
W. Sabransky, Kenton, Ohio.

Two great carnations, MY MARYLAND, pure white and JESSICA, red and white variegated, $2.50 doz.: $12.00 100; $100.00 1000.
H. Weber & Sons Co., Oakland, Md.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.
John H. Sievers & Co., 1251 Chestnut St., San Francisco, Cal.

5000 field-grown carnations, very strong and healthy.

	100	1000		100	1000
Lawson	$5	$45	Enchantress	$6	$55
Louise	5	45	Flamingo	8	70
Norway	5	45	Prosperity	5	..

Andrew Peterson, Hoopeston, Ill.

Field-grown carnations.

	100	1000		100	1000
The Belle	$10.00	$95	Flamingo	$8.00	$75
Mrs. Patten	8.00	75	N. Fisher	8.00	75
White Cloud	6.00	55	Prosperity	6.00	55
Mrs. Nelson	6.00	55			

W. J. & M. S. Vesey, Ft. Wayne, Ind.

Field-grown carnations. Per 100:

Queen Louise	$5	Enchantress	$7
Flora Hill	5	Lawson	5
Gov. Wolcott	5	M. Glory	4
Crane	5	G. Lord	4
Estelle	5	Prosperity	5

Cash. Central Greenhouses, Sandusky, Ohio.

Carnations.

	100	1000		100	1000
Queen Louise	$5	$45	Murphy's White	$4	$40
Nelson	6		Prosperity	5	
Flora Hill	5		Ethel Crocker	3	
Mrs. Joost		40			

G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Field-grown carnations. Per 100:

Enchantress	$6.00	Marquis	$4.00
Gov. Wolcott	5.00	Eldorado	4.00
Queen Louise	4.00	Mary Wood	4.00
Flora Hill	4.00	Lillian Pond	4.00
Crane	4.00		

National Plant Co., Dayton, Ohio.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$6	$50	Crusader	$5	40
Nelson	5	40	Queen Louise	5	40
Morn. Glory	5	40	Flora Hill	5	40
Guardian Angel	5	40			

Peter Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations, strong, healthy plants, Lawson, Enchantress, Prosperity, Queen Louise, $5.00 per 100; $45.00 per 1000. Lord, Joost, McGowan, Wm. Scott, $4.00 per 100; $35.00 per 1000. Cash with order, please.
Frank Voisenat, West Babylon, N. Y.

Field-grown carnations.

	100	1000		100	1000
Fair Maid	$4	$35	Boston Market	$4	$40
The Marquis	3		Red Lawson	10	

Quidnick Greenhouses, J. H. Cushing, Prop., Anthony P. O., Quidnick, R. I.

Field-grown carnations, 4 to 6 stems, $50.00 1000. Cash.

Enchantress	Queen Louise
Lawson	Prosperity
Norway	Joost

L. I. Neff, 218 6th St., Pittsburg, Pa.

Field-grown carnations.

	100	1000		100	1000
Queen	$6.00	$55	Hill	$4.50	$40
Harlowarden	5.00	45	Crane	4.50	40
Morn. Glory	4.50	40	Q. Louise	4.50	40

The Parker Greenhouses, Norwalk, O.

Extra fine, field-grown carnation plants, large, bushy stock. Prosperity, Harlowarden, Flora Hill, Estelle, Norway, Queen Louise, Scott, Morning Glory, Roosevelt, Joost, $5.00 per 100.
Wm. L. Rock Flower Co., Kansas City, Mo.

The beautiful pink carnation CANDACE will be disseminated 1906. It is wonderfully productive. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Field-grown carnations, clean, healthy plants.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	5.00	40	Hill	5.00	40
W. Cloud	5.00	40	Q. Louise	5.00	40

George Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnation plants. Enchantress, Lawson, Hill, Norway, Crane, Fair Maid, Brilliant, $5.00 per 100. Mrs. Ine, Mrs. Nelson, Q. Louise, $4.00 per 100. Joost, Scott, Richmond, $3.00 per 100.
E. Woodfall, Glen Burnie, Md.

Field-grown carnations.

	100	1000		100	1000
Fiancee	$15	$125	Cardinal	$12	$100
Crusader	6	50	Flora Hill	5	40
Moonlight	6	50	White Lawson	7	60

Chicago Carnation Co., Joliet, Ill.

Field-grown carnations, strong, healthy. Per 100:

Mrs. Patten	$7.00	Gov. Wolcott	$6.00
Boston Market	6.00	Lawson	7.00
Maceo	5.00	Cash, please.	

Sidney Littlefield, North Abington, Mass.

Carnations, fine plants. Fair Maid, 10 to 30 shoots, and Queen, $5.00 100; $45.00 1000. Mrs. Joost, Queen Louise, $4.50 100; $40.00 1000.
H. V. Sowle, 325 Coffin Ave., New Bedford, Mass.

CARNATIONS—Continued.

Field-grown carnations, fine, bushy. Stock, strong and healthy. May Naylor, Queen Louise, Prosperity and Lawson, $4.50 100; $40.00 1000. Cash.
Fillow & Banks, Westport, Conn.

Field-grown carnation plants.
Mrs. T. W. Lawson, $5 per 100; $45 per 1000.
Queen Louise, $4 per 100; $35 per 1000.
John F. Horn & Bro., 20 N. 6th St., Allentown, Pa.

Carnations. Field plants, clean and healthy.
Boston Market Glacier
Estelle Lawson
$4.00 100: $40.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Choice field-grown carnation plants. Nelson Fisher and Mrs. Patten, $8.00 per 100; $70.00 per 1000. Boston Market, $6.00 per 100; $50.00 per 1000. A. C. Canfield, Springfield, Ill.

Field-grown carnations, strong, healthy plants. Fair Maid, Boston Market, Freedom, Mrs. Thos. W. Lawson, and Gen. Maceo, $5.00 per 100.
The Yates Floral Co., Canajoharie, N. Y.

Clean, healthy, field-grown carnations. Enchantress, $6.00 per 100. G. Lord and Flora Hill, $5.00 per 100. Cash with order.
Onaway Greenhouses, Boonton, N. J.

Carnations, strong, clean, field-grown plants, 2000 Mrs. Nelson, 3000 Queen Louise, 5000 Joost, $4.00 per 100; $35.00 per 1000.
Lebanon Greenhouses, Lebanon, Pa.

Field-grown carnations. Strong, healthy plants, Peru, Hill, Q. Louise, Melba, Joost, Crane, Estelle, $5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Carnations. Prosperity and Norway, extra fine plants, $4.00 per 100; last April cuttings, medium size, $4.00 per 100.
Thos. Salveson, Petersburg, Ill.

Field-grown carnations, 5000 Prosperity, $6.00 per 100; $50.00 per 1000. May Naylor, $5.00 per 100; $40.00 per 1000.
Phila. Cut Flower Co., 1516 Sansom St., Phila.

Field-grown carnations, ready now. 5000 Lawson, extra fine, and 5000 Queen Louise, $4.50 per 100, $40.00 per 1000.
F. Stielow, Niles Center, Ill.

Carnations. Strong, healthy, field-grown plants. Prosperity, Roosevelt, Joost, Queen Louise and Flora Hill, $5.00 per 100.
Sarah I. Smith, Secane, Del. Co., Pa.

Field-grown carnations. Queen Louise, $5.00 100; $45.00 1000. The Queen, Boston Market, $6.00 100; $55.00 1000.
S. J. Reuter, Westerly, R. I.

Field-grown carnations, strong, healthy, Queen, Fair Maid, Prosperity, $5.00 100; $45.00 1000; 250 at 1000 rate.
Aug. Gaedeke & Co., Nashua, N. H.

Field-grown carnations, Norway, America and Cartledge, a prolific red, $4.00 per 100; $36.00 per 1000.
Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Field-grown plants of Lawson, Joost, Norway, Prosperity and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown carnation plants. Glacier, $45.00 1000; Peru, $35.00 1000; Morning Glory, $45.00 1000. Ell Cross, Grand Rapids, Mich.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

Field-grown carnations. Strong Enchantress and Flamingo, $7.00 100; Prosperity, $5.00 100.
James Patience, Noroton Heights, Conn.

Field-grown carnations, fine plants, Enchantress, $6.00 100; Peru, white, $4.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Well-shaped, field-grown plants of Queen Louise, Lawson, Joost, $5.00 100. Cash.
Murphysboro Greenhouses, Murphysboro, Ill.

Carnation Flamingo. 800 fine, field-grown plants, $6.00 100; or $40.00 for the lot.
Heller Bros., New Castle, Ind.

Large, field-grown plants of Queen and Boston Market, $6.00 per 100; $50.00 per 1000.
H. A. Cook & Son, Shrewsbury, Mass.

Field-grown plants of Lawson, Peru and Guardian Angel carnations, $4.00 per 100.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

900 A1 Queen Louise, 500 Lawson, $4.00 100. The lot for $50.00. Cash with order.
A. J. Baldwin, Newark, Ohio.

Carnations. Joost, from field, extra good plants, ready now, $5.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

VESPER VESPER VESPER
$4.50 per 100; $35.00 per 1000.
Isaac A. Passmore, West Chester, Pa.

Carnations, field-grown. 1200 Joost at $4.00 per 100. South Bend Floral Co., South Bend, Ind.

Carnations. Field-grown Enchantress, $6.00 100; $50.00 1000. White Bros., Gasport, N. Y.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Surplus stock, 2-inch, $2.00 100.

Yellow	White
100 Oct. Sunshine	200 W. Bonnaffon
Red	200 Robinson
500 Black Hawk	300 Estelle
1000 Oakland	200 W. Mayflower
1000 Paul Labbe	200 Kalb
Pink	100 Wanamaker
400 Wm. Duckham	50 W. Ivory

First come, first served.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums in excellent condition for planting, $2.50 100; $20.00 1000.

V. Morel	Convention Hall
Wm. Duckham	Ivory
Pink Ivory	Mrs. Murdock
Maud Dean	Glory Pacific
Opah	Polly Rose

Nathan Smith & Son, Adrian, Mich.

Chrysanthemums, fine plants, ready to shift. 1000 Duckham, 100 Ben Wells, 150 Thirkell, 350 Diedereich, 150 Vallis, 100 M. Richardson, 2-in., $3.00 100. 50 Ben Wells, 300 Duckham, 3-in., $4.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums. Good, young stock in 2½-in. pots. New and standard varieties. For varieties and prices see display adv.
Pochlmann Bros. Co., Morton Grove, Ill.

Hardy chrysanthemums. Field-grown plants for bedding or greenhouse planting, $1.00 doz.; $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cinerarias, large flowering, dwarf, strong 2-in., $2.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Cinerarias, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

COLEUS.

Coleus Verschaffeltii, Victoria and Golden Bedder, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.

"The cyclamen seedlings arrived today in good shape. We are well pleased and are glad to know that by packing properly, plants will stand the trip." Yours truly, Park Floral Co., San Francisco, Cal., July 12, 1905.
C. Winterich, Defiance, O.

CYCLAMEN SPLENDENS GIGANTEUM. Well grown stock in fine colors including the fringed varieties, from 2½-in. pots, $5.00; 3-in. pots, $7.00; from 3½-in. pots, $12.00; from 4-in. pots, $15.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, extra well grown, strong 4-in., ready for 5 and 6-in. pots, in 5 separate colors, $12.00 and $18.00 per 100. Cash with order, please. Hugo Book, Worcester, Mass.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, out of 3½ and 4-in., ready for 5-in., $15.00, $20.00 and $25.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum, finest mixed, 2½-in., $4.00 100. John F. Rupp, Shiremanstown, Pa.

Cyclamen, 2-in., 5 separate colors, $4.00 100.
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DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DAISIES.

Shasta daisy, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, 2½-in., $2.50; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaena indivisa, 2½-in., $3.00 100; $25.00 1000. Peter Wenk, Ozone Park, N. Y.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

Dracaena indivisa, large, field-grown for 6 and 7-in. pots, $15.00 per 100; 200 for $25.00.
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FERNS OUR SPECIALTY.
We have over half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Dodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.

Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.

CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Nephrolepis Barrowsii, strong stock plants, $25.00 100. Boston ferns, 2 runners, $4.00 100; ready for 5-in., $3.00 doz.; $25.00 100; from 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz. Wittbold Co, 1657 Buckingham Pl., Chicago.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail, $10.00 1000. f. o. b., express.
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Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albo-lineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

Nephrolepis Piersoni ELEGANTISSIMA, grand stock in all sizes. Large specimens to plant now for the fall trade. Prices from 75c each, $9.00 doz., $50.00 100 up to $2, $3, $5, or $7.50 each. F. R. Pierson Co., Tarrytown, N. Y.

Ferns from flats. Aspidium, cyrtomium, many pteris sorts, ready for 2-in., $1.50 100; $12.00 1000, includes delivery. From 2¼-in., $3.00 100; $25.00 1000, f. o. b. only.
H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns, bench, for 5-in., Pierson for 4-in., 12½c. Scottii for 3-in., 12½c; 4-in., 20c; 5-in., 40c. Tarrytown for 4-in., 50c; 5-in., 75c; 3-in., 35c. Cash.
Byer Bros., Chambersburg, Pa.

Nephrolepis Scottii and Barrowsii. Our stock of both varieties is large and in fine condition. See display adv. for sizes and prices.
Henry A. Dreer, 714 Chestnut St., Phila.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Small ferns for fern dishes, strong plants, 2¼-in., $3.00 100; $25.00 1000. Cash.
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Piersoni ferns, 3-in., $9.00 per 100. Boston ferns, 3-in., $6.00 per 100. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Nephrolepis Scottii, strong plants, 2¼-in., 75c doz.; $6.00 100; $50.00 1000.
J. W. Young, Germantown, Phila.

Stock for ferneries, mixed ferns, 2¼-inch. $2.00 100. Cash or C. O. D.
Wm. A. Clark & Son, Watertown, N. Y.

Boston ferns, 5-in., fine stock, $3.00 doz., $25.00 100, $240.00 1000.
D. U. Augspurger & Sons, Peoria, Ill.

Boston ferns, 5-in., 30c, 35c, 40c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

New Barrowsii fern, 3-in., $50.00 100.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

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Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

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REVIEW Classified Advs.

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True, winter-flowering forget-me-nots for edging carnation beds and pot forcing, 50c 100; $4.00 1000.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

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Gardenia Veitchii, true variety, strong, bushy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

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The new seedling geranium, Tiffin, is the freest blooming of all the single scarlet geraniums. It will be introduced and delivered strictly in rotation, beginning Feb. 1, 1906. The price for strong, 2-in. plants is $2.25 doz., $15.00 100. Would advise placing orders early.
S. S. Skidelsky, 824 No. 24th St., Phila.
Lewis Ullrich, Tiffin, Ohio.

TELEGRAPH, the new geranium, is a brilliant scarlet cerise in color with immense trusses borne on long stiff stems. It is a grand bedder and greenhouse geranium. Extra strong, 2½-in. stock, the finest you ever saw, $6.00 100.
Thos. De Voy & Son, Poughkeepsie, N. Y.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
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Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100. Chas. Gay, Des Moines, Iowa.

Geraniums, 500 mixed, standard varieties, strong plants from 4-in. pots, $3.50 per 100.
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Fancy, Trego, Mme. Bruant and others for stock. Write Roney Bros., West Grove, Pa.

Geranium Mme. Salleroi, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

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Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

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American arbor-vitae, broad and bushy trees, well branched on all sides, in grades from 3 to 6 ft. high. Have been transplanted three times and are supplied with such an abundance of fibrous roots that there is scarcely a possibility of loss from moving. Shipped either with or without ball. They are splendid trees for screens or hedges.
Also a full line of ornamental nursery stock.
Wm. H. Moon Co., Mill St., Morrisville, Pa.

Hardy plants, per 100:

Arbor-vitae, golden, from seed, 8 in. high	$5.00
Habrothamnus, from 2½-in., strong	5.00
Streptosolen Jamesonii, 2½-in., strong	8.00
Coccoloba, from 3-in., strong	7.00
Solanum Wendlandii, from 3-in., strong	6.00
Mandevilla grandiflora, from 3-in., strong	5.00

Golden State Plant & Floral Co., Santa Monica, Cal.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Best hardy garden carnations. Chabaud, remontant, from the choicest imported seeds, assorted varieties and colors, $1.00 per 100.
Jacob Thomann, 838 No. Goodman St., Rochester, N. Y.

Specimen evergreens for August planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

Field-grown clumps and strong roots. Hardy, herbaceous plants, grand stock in every sense, could not be better. For varieties and prices see display adv. J. T. Lovett, Little Silver, N. J.

Japan bean vine, hardy; sugar maples, 6 in. to 10 ft.; Catalpa speciosa and Black Locust seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Berberis Thunbergii, Rosa lucida, R. rugosa, Viburnum cassinoides and V. dentatum. Write for prices.
Sidney Littlefield, North Abington, Mass.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A general assortment of perennials, shrubs, vines, berries, etc. Special prices on application. Brown Bros. Co., Rochester, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
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A fine lot of shade and ornamental trees, shrubs, etc. Send us your want list.
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We offer a full line of ornamental stock. Call or write for prices.
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Hardy plants and bulbs, wholesale only. Low prices. Send for list.
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Field-grown, hardy phlox, 10 extra fine named varieties, $5.00 100.
National Plant Co., Dayton, Ohio.

HYDRANGEAS.

Hydrangea otaksa, strong, field-grown plants, 4 to 10 branches, fine for Easter forcing, $10.00 100. Ready Oct. 1.
Peter Wenk, Ozone Park, N. Y.

IVY.

English ivy, field-grown, 3 to 8 branches, $6.00 100; $50.00 1000.
Peter Wenk, Ozone Park, N. Y.

Hardy ivy, $4.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

LILY OF THE VALLEY.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage lily of the valley, selected pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, $2.50 100.
Chas. A. Knapp, Chestnut Hill, Pa.

MAURANDIAS.

New large-flowering maurandia, giant blue, a novelty of real merit, 2-in. pots, $1.00 per doz. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

MUSHROOM SPAWN.

Michell's pure culture spawn made in America, 10 bricks, $1.80; per 25, $4.00; 50, $7.50; 100, $14.00; 1000, $130.00. English Milltrack spawn, made especially for us by a leading English house, fresh shipment every three weeks, brick, 15c; doz. bricks, $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. 250 lbs. at 1000 rate.
H. F. Michell Co., 1018 Market St., Phila.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Cocos Weddelliana, 3-in., 15c. Areca lutescens, made up, 5½-in., very fine, 40c to 50c each; 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c; 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c each.
Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c, 4-in. pots, made up, 3 plants in pot, about 10 leaves in all, 20 in. high, 25c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Palms. The choicest stock, strong, hardy and perfect in every respect. See display adv. for varieties, sizes and prices. Price list on application. Chas. D. Ball, Holmesburg, Phila., Pa.

Palms, cheap, to make room. Latania Borbonica, out of 8-in. pots, 75c to $1.00 each. Cash. Chas. Heinz, Florist, Sharon, Pa.

One large latania, two large Pandanus utilis, three large kentias, cheap. Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00. Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. My Giant Market, plants from my own home-grown seeds, selected from the best giant varieties, mixed colors. Fine, stocky plants, ready about Sept. 5, at $2.50 per 1000. Send for price on 5000 and 10,000 lots. Cash with order. E. A. Blinn, Cromwell, Conn.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Pansies, nice, stocky plants, $4.00 1000; $35.00 10,000. Ready Sept. 1.
Peter Wenk, Ozone Park, N. Y.

Plants from my extra select Giant strain, ready Sept. 1. Peter Brown, Lancaster, Pa.

PEONIES.

Order your peonies now while the list is complete. We ship September 1 and the plants will be well rooted in your grounds before any imported stock could arrive, and you will have an advantage of 20 per cent in growth.
Send for retail descriptive price list. Stock guaranteed true. No charge for packing.
Peterson Nursery, 504 Peterson Ave., Chicago.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies, 100 choice named varieties. Most complete list of the best and newest at prices that cannot fail to interest the buyer. Write for it. Currie Bros. Co., Milwaukee, Wis.

Peonies in choice assortment for florists, from earliest to latest, all named. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies, mixed, $6.00 100. White, $10.00 100. Other colors. Send for prices.
S. J. Galloway, Eaton, Ohio.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

Peonies, 75 varieties, price list now ready.
C. & M. Wild, R. D. 19, Sarcoxie, Mo.

POINSETTIAS.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000. John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias, strong 2½-in., September and October delivery, $5.00 per 100; $10.00 per 250.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, splendid, short stock, nicely established, just what you want for filling pans for Xmas, $5.00 100; $40.00 1000.
The E. G. Hill Co., Richmond, Ind.

Poinsettias, 2½-in., $4.00 per 100.
Krueger Bros., Toledo, Ohio

PRIMULAS.

P. Chinensis, obconica grand. rosea and fimbriata, strong plants, 2½-in., $3.00 100; $25.00 1000. P. Forbesi, strong, 2½-in., $2.50 100. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Primula obconica, best, large-flowering kinds from 2½-in. pots, $3.00 per 100.
E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

Primroses. Large-flowering, fringed; mixed; 2-in., $2.00 per 100. Cash. J. W. Miller, R. D. 6, Carlisle, Pa., former address Hatton.

Primroses. Obconica grandi., fimbriata alba, rosea, lilac, carmine, hybrid, Baby, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Chinese and obconica (ready now), Forbesi, Baby, and floribunda, yellow, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primulas. Chinese and obconica, good, strong plants. $2.50 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

PRIMULAS—Continued.

Primroses, choice, in 3-inch pots, strong, first-class, $3.00 100; 2-inch, $2.00 100.
W. B. Woodruff, Westfield, N. J.

Primula obconica grandiflora, finest fringed, alba and rosea, 2-in., 2c. Cash.
Byer Floral Co., Shippensburg, Pa.

Primula obconica grandi., 2-in., $2.00; 2½-in., $2.75; 3-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Primroses, Chinese and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese primroses, 2-in., best grown, $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Primrosea, all varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Primula Buttercup, 2-in., $3.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

PRIVET.

California privet in any quantity desired, 1, 2 and 3 years old, all sizes up to 4 feet. Stock of finest quality. Write for prices.
J. T. Lovett, Little Silver, N. J.

California privet from 6 inches to 3 to 4 feet. Prices on application.
Brown Bros. Co., Rochester, N. Y.

A fine lot of California privet. Send us your want list.
Franklin Davis Nursery Co., Baltimore, Md.

RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

BUSINESS BRINGERS—
REVIEW Classified Advs.

ROSES.

American Beauty	3½-in.,	$6 100,	$50 1000
Mnx Von Herresdorfer	3½-in.,	5 100,	40 1000
Ideal	3½-in.,	5 100,	40 1000
La Detroit	3½-in.,	6 100,	50 1000
Rosalind Orr English	3½-in.,	25 100,	200 1000
Bridesmaid	3 -in.,	4 100,	35 1000
American Beauty	2½-in.,	5 100,	40 1000
Uncle John	2½-in.,	3 100,	25 1000
Wm. Askew	2½-in.,	5 100,	40 1000
Sunrise	2½-in.,	4 100,	35 1000
Bridesmaid	2½-in.,	2.50 100,	20 1000

American Beauty, bench plants, cut down and well packed, $5.00 100, $40.00 1000.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

BABY RAMBLER, a true perpetual bloomer, perfectly hardy, of easy culture. Strong field-grown, dormant plants for forcing or propagating, ready Oct. 1, $250.00 1000. For immediate shipment, 2½-in. pot plants, $100.00 1000. Also a general assortment of H. P. roses, Crimson Rambler and other hardy roses.
Brown Bros. Co., Rochester, N. Y.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

Grafted roses for forcing. Free from mildew. Bride, Bridesmaid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Maid, Kaiserin, 3-in. pots, $7.00 100.
J. L. Dillon, Bloomsburg, Pa.

The very latest European varieties including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$6.00	$50.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	8.00	
100 Bridesmaids	4-in.	8.00	

Wm. F. Kasting, Buffalo, N. Y.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Klondike roses from seed gathered in the Yukon valley, rare and should be hardy anywhere; very large, strong plants from 2-in. pots, 10c each. Cash with order.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Roses. Chatenay, Golden Gate, Uncle John, 2½-in., $3.50 100; 3½-in., $5.00 100. Maid, 3½-in., $5.00 100. Liberty, 4-in., good stock, $10.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants. Perle, 4-in., $8.00; Bride and Maid, 3-in., $4.00; Gate, Perle, Ivory, Meteor, 2½-in., $3.00 100. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Choice northern field-grown roses; also rose plants, leading varieties in 2½-in. pots, at prices which will interest you.
C. M. Niuffer, Springfield, O.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $8.00 per 100, $75.00 per 1000. Erie Floral Co., Erie, Pa.

1200 fine Beauties, 2½-in., $30.00 per 1000; $4.00 per 100. Kaiserin, 2-in., $15.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

See display adv. for list of roses, in 2-in., that we are offering for $15.00 per 1000.
Reeser Floral Co., Urbana, O.

Killarney, the best paying pink rose. A few hundred fine plants, 3½-in., $25.00 100.
Siebrecht & Son, New Rochelle, N. Y.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses, choice plants, clearance prices. See display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Roses. Brides, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Brides and Maids, 3½-in., $4.00. Cash with order. L. E. Marquisee, Syracuse, N. Y.

Chatenay, La Detroit and Meteor, 3-in., $4.00 100. Crabb & Hunter, Grand Rapids, Mich.

Maids, strong 4-in., clean stock, $6.00 100.
Pittsburg Rose & Carnation Co., Gibsonia, Pa.

RUBBERS.

25 Ficus elastica, 6-in., 2 to 2½ feet high from pot, good plants, $9.00 per doz.; the 25 for $16.00.
Crown Point Floral Co., Crown Point, Ind.

Rubbers out of 3s, strong top cuttings for August delivery, $16.00 per 100, $150.00 per 1000. A. C. Oelschig & Son, Savannah, Ga.

Ficus elastica, imported, 4-in. pots, 25c; 5 to 5½-in., 35c to 40c; 6-in., very fine, 50c each.
G. Aschmann, 1012 Ontario St., Phila.

Strong rubbers, 5½-in. pots, 2 feet high, $4.00 per doz.
H. Schmidt, 408 Fulton St., Union Hill, N. J.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SALVIAS.

Salvias, $3.00 100.
Chas. A. Knapp, Chestnut Hill, Pa.

SEEDS.

PANSY SEED, Berger's Neverfail, mixture of the best sorts, giant bloom, prize flowers, 1000 seeds, 25c; 5000, $1.00; oz., $4.00. Pansy seed in separate colors, white, black, red, bronze, purple, blue, azure, yellow, blotched, striped, 1000 seeds, 25c; 5000, $1.00. Any named sorts, send for our list.

CINERARIA MAX. NANA, mixed, pkt., 25c; 5 pkts., $1.00. Cineraria nana, separate colors, white, rose, red, azure, blue, pkt., 25c. C. stellata, finest for cut flowers, especially funeral work, 25c pkt.

CYCLAMEN SEED. Saved by an expert grower from his grandest exhibition bloom. Giant, pure white, rose pink, brilliant crimson, white red eye, 75c 100; $6.00 1000. Novelty, Williams, the darkest cyclamen in existence, 25 seeds, 30c. Cyclamen, giant fringed, beauties, 25 seeds, 30c; 100 seeds, $1.00; 1000 seeds, $8.00. Cyclamen persicum, giant flowers, all colors mixed, 60c 100; $5.00 1000. 250 seeds at 1000 rate.
H. H. Berger & Co., 47 Barclay St., New York.

Cineraria hybrida, mixed, 75c 1000 seeds. Cyclamen persicum giganteum, mixture or 5 colors separate, $5.00 1000 seeds. Pansies, special cemetery mixture, 50c trade pkt., $2.50 oz.; Trimardeau Elite mixture, oz., $2.50; special florists' mixture, trade pkt, 50c, oz. $3.00; Bugnot's, 50c trade pkt., $3.50 oz.; Cassiers' giant mixture, 50c trade pkt., $4.00 oz. Myosotis Winter Queen, 50c 1000 seeds; M. Alpestris Victoria, 25c trade pkt., $1.00 oz. Stocks, Boston Market, white, 50c trade pkt., $3.00 oz.; Cut and Come Again, white, 50c trade pkt., $2.50 oz.; lavender, pink, purple, carmine, each, 50c trade pkt., $3.00 oz.; Excelsior, white spikes, $1.00 trade pkt., $5.00 oz.; New Perfection, blue, $1.00 trade pkt., $6.00 oz.
O. V. Zangen, Hoboken, N. J.

New crop seed of my well known CHRISTMAS sweet peas. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

SWEET PEAS for Xmas flowering Christmas, true, the earliest pink for flowering under glass, 15c oz.; 60c lb. White Christmas, true, the earliest white in cultivation, a companion to pink Christmas, 20c oz.; 75c lb.

BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00; 1000 seeds, 60c.
A. T. Boddington, 342 West 14th St., New York.

ENGLAND'S PRIZE STRAINS of cineraria, calceolaria and Chinese primrose are absolutely unsurpassed in size and brilliancy of color. Calceolaria and cineraria, mixed, 50c half trade pkt., $1.00 trade pkt.

Primula sinensis, fringed, mixed, 25c 100 seeds; $1.00 500 seeds; $1.75 1000 seeds. Obconica grandiflora, mixed, trade pkt., 30c. Stellata, 50c trade pkt. Forbesi, 40c trade pkt.
Johnson & Stokes, 217-219 Market St., Phila.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.

Giant daisy, finest giant, mixed, 1000 seeds, 25c.

Giant pansy, the best large flowering varieties, critically selected. 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

Choice California seeds. Burbank's improved Shasta daisy, ½ oz., $2.00; California Giant pansy, mixed, ½ oz., $2.00; hand hybridized carnation seed, 40 varieties, ⅛ oz., $3.00; Asparagus plumosus nanus, plump and fresh, 30c 100; $1.50 1000; 7000 for $10.00. Cash, please.
F. Gilman Taylor, Glendale, Cal.

Brown's extra select, superb GIANT PRIZE PANSIES. It is a well-known fact that my pansies are the finest upon the market. Price, mixed seed, 3000 for $1.00, ¼ oz. $1.50, ½ oz. $2.50, 1 oz. $5.00, ¼ lb. $14.00, ½ lb. $25.00, 1 lb. $50.00. Cash with order. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Pansy seed. Holmes' mammoth exhibition strain, positively unsurpassed in size and markings. New crop seed and in any quantity. Trial package, 1000 seeds, 75c; trade pkt., 2000 seeds, $1.25. Special wholesale prices on larger quantities. Holmes Seed Co., Harrisburg, Pa.

Pansies. Mette's Triumph of the Giants, the most perfect in the world, $5.00 oz., $1.50 ¼ oz., 75c 1-16 oz. Postage paid. Cash. Also grower and exporter of choice vegetable and flower seeds. Send for list and prices.
Henry Mette, Quedlinburg, Germany.

Grand Rapids lettuce seed, GILT EDGE STRAIN. We supply many of the largest commercial growers. Prices, lb., 50c; 5 lbs. or more at 40c per lb. Transportation prepaid at 10c lb. extra. Cash with order.
E. C. Green & Son, Medina, O.

Pansy seed, new crop, giant mixed. Trimardeau, Cassier, Odier, Bugnot, Psyche, Ruby King and Prince Henry, $4.00 oz. Plants of same strains ready October.
H. Ernst & Son, Washington, Mo.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Cineraria grandiflora, medium tall and dwarf, prize varieties, mixed, 50c trade pkt. Pansy seed, superb mixed, ⅛ oz., 60c; ¼ oz., $1.15; oz., $4.50. Choice, large flowering, mixed, oz., $1.25. W. C. Beckert, Allegheny, Pa.

We make a specialty of choice seeds for florists and our strains are the best in the market. See our display adv., also write us for our catalogues which are mailed free.
Weigelt & Co., Erfurt, Germany.

XXX pansy seed, finest German mixed. Per oz., $3.00; ¼ oz., 80c. Woodbury's Special Mixture, oz., $4.00; ¼ oz., $1.00. Other varieties, trade packets, 50c each. List free.
David B. Woodbury, South Paris, Maine.

Pansy seed, trade pkt., $1.00; oz., $5.00. Cash. Larger or smaller quantities to suit. My pansies were the admiration of all. Quality unsurpassed.
Wm. Stuppe, Westbury Station, L. I., N. Y.

Zirngiebel's GIANT PANSIES, Market and Fancy strains. New crop seed of these well known unrivaled pansies, trade pkt., $1.00, either strain.
Denys Zirngiebel, Needham, Mass.

Perret's celebrated strain of pansy seed, $4.00 oz., $2.50 ½ oz.; trade pkt., $1.00; ½ pkt., 50c.
N. Le Page, Mt. Vernon, N. Y.

Fine giant pansy seeds, mixed, $1.00 per oz. Will trade for field-grown carnation plants.
A. J. Santschi, Goshen, Ind.

Buy your seed direct from the grower. Long Island cabbage seed and American cauliflower; also other special seed stocks for market gardeners. Francis Brill, Hempstead, L. I., N. Y.

Seed growers. Sweet field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Cyclamen seed. Fresh crop, ready now. White, with red eye; rose, lavender, and white, colors separate, $5.00 1000.
Baur & Smith, 38th St., Indianapolis, Ind.

Pansy seed. Surplus of new crop, elegant assortment of giant varieties, ¼ oz., $1.00; 1 oz., $3.00. Cash.
Byer Bros., Chambersburg, Pa.

Pansy seed, new crop, large flowers, now ready, $4.00 oz.; $15.00 ¼ lb.
C. Pesenecker, 88 Audubon Ave., Jersey City, N. J.

Rawson's mid-summer catalogue of HARDY PERENNIAL SEEDS sent on application.
W. W. Rawson & Co., Boston, Mass.

Asparagus plumosus nanus seed, new crop and clean, $1.50 per 1000. Cash with order.
Cottage Nursery, San Diego, Cal.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 40c 100; $2.50 1000.
A. J. Baldwin, Newark, Ohio.

Tree and plant seeds and bulbs collected. Price list now ready. Send for it.
L. E. Williams, Nottingham, N. H.

Pansy seed, new crop, $1.00 per packet; $4.00 per oz.; $12.00 per ¼ lb. Cash.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy seed, large flowering, none better, oz., $4.00; 3 oz., $11.00. Cash.
Jos. H. Cunningham, Delaware, O.

Giant cyclamen seed, mixed, 55c 100; $4.50 1000, prepaid. Cash.
Byer Floral Co., Shippensburg, Pa.

Panay seed, extra fine imported strain, ½ oz., $2.50; 1 oz., $5.00.
D. U. Augspurger & Sons, Peoria, Ill.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Begonia semperflorens magnatica, new, pkt. 5000 seeds, 50c. A. Lotze, Sr., Glenburnie, Md.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

Smilax, 3000 strong 2-in., $9.00 per 1000; $25.00 for the lot.
C. C. Warburton, Battle Creek, Mich.

Smilax, strong, 2¼-in., $2.00 100. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Smilax, good 2½-in. plants, $1.50 per 100.
S. Rothermel, 2307 Wheeler St., Indianapolis, Ind.

Smilax, field-grown, good as 3-in., $2.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Strong smilax plants, $18.00 1000. Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Smilax, 2¼-in., ready to plant, $1.25 per 100.
Savanna Greenhouses, Savanna, Ill.

Smilax, strong 3-in., $2.50 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Smilax, strong 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Smilax, 2¼-in., $1.50 100.
C. R. Hills, Grand Rapids, Mich.

Smilax, 2-in., $2.50 100.
Geo. A. Kuhl, Pekin, Ill.

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Stevias, good plants, 2½-in., $2.50 100; $22.50 1000. Poehlmann Bros. Co., Morton Grove, Ill.

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Stocks, best varieties, all colors, mixed and separate; 2¼-in., ready to shift, $2.00 per 100. Cash with order, please.
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VEGETABLE PLANTS.

Celery—Golden Self-Blanching, Winter Queen, Giant Pascal, $1.25 per 1000, $10.00 per 10,000.
Cabbage—Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Savoy, $1.00 per 1000, $8.00 per 10,000.
Lettuce—San Francisco Market, Big White Leaf, Big Boston, $1.00 per 1000, $8.00 per 10,000.
My plants are fine. Cash with order.
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Violet stock, clean thrifty plants. Single varieties—Princess of Wales, California, La France, Luxonne, Russian and Dorsett. Double varieties—Imperial, Marie Louise, Farquhar and Swanley White. Field clumps and plants, $2.25 per 100, $20.00 per 1000; 3½ and 4-in. pot plants, $2.50 per 100; $22.00 per 1000. Ready to plant at once for fall flowering. Packed lightly. Satisfaction guaranteed.
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Field-grown violets, strong, healthy plants of Lady Campbell and California, No. 1, $2.50 per 100, $20.00 per 1000; No. 2, good plants, $1.50 per 100, $12.00 per 1000. Packed free of charge to carry safely.
Chas. Black, Hightstown, N. J.

Field-grown Marie Louise violets, $3.00 per 100; $25.00 per 1000. Strong plants from soil, $2.50 per 100; $20.00 per 1000. Field-grown Princess violets, $3.00 per 100. Samples, 10c. Cash with order.
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Crabb & Hunter, Grand Rapids, Mich.

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Wire work, all kinds.
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GAS OR COAL FOR FUEL.

As our town is about to be supplied with natural gas, we wish to ask you some questions before we decide between gas and coal for heating our greenhouses the coming winter. For heating purposes, what is the comparative value of natural gas at 15 cents per 1,000 cubic feet and Massillon slack at $1.50 per ton? Are two 2-inch pipes sufficient to convey gas to a 25-horse-power boiler, locomotive type? What is the best burner for the consuming of natural gas in such a boiler, the fire-box of which is fifty-one inches long, twenty-seven inches high and twenty-nine inches wide? How many burners should be put in such a boiler? The tubes of the boiler number thirty-nine and are three inches in diameter. What is the cost of the best burner and where can it be obtained? Could an ordinary plumber place a gas burner in a boiler satisfactorily? Does the burning of natural gas injure a smoke stack built of shale brick and Portland cement? If so, how rapidly? What has been the experience of florists in the use of natural gas for heating their greenhouses?

F. H. D. W. & C.

The best answer I can make to the question regarding the comparative value of gas and slack is to say that 30,000 cubic feet of gas is reckoned as the equivalent of one ton of best anthracite or bituminous coal. Gas at 15 cents per 1,000 would be equal to the best coal at $4.50 per ton. The comparative value of slack and lump coal is not known to me but from what has been stated you can draw your own conclusions.

If you have a good pressure of gas, 20 to 30 lbs. or more, a single 2-inch pipe will be ample to supply fuel for a 25-horse power boiler.

The essential part of a burner for using natural gas is the mixer. With a good mixer of sufficient size a T or L at the end of the pipe for the flame is quite satisfactory. A good burner, however, is one consisting of a mixer of large size which will carry a 2-inch pipe. Use a piece of 2-inch pipe about 15 inches long, cap one end and through the rim of the cap drill five or six ⅜-inch holes. About two inches below the holes in the cap drill five or six holes in the pipe which can be threaded to receive ⅜-inch nipples each 3 or 3½ inches long. Below this ring of holes drill another which miss-match those first drilled, and thread a like set of nipples about 4½ inches long, and in like manner insert a third set of nipples which shall be about an inch longer than the set next above them. A plumber can make this very easily and it is one of the best burners for furnace or boiler use with which I am familiar. Three burners of this type should be sufficient for the boiler in question. I do not know that the burning of gas has a more destructive effect on chimneys than other fuels. Natural gas, when available, is the most convenient fuel that can be used. L. C. C.

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One small bulb received three years ago, from a friend in Vermont, made but little growth the first year and did not bloom until the second year, when it produced two large blossoms, on a strong stem. This, the third season after planting, the main stalk has grown to be more than five feet high, bearing eight immense bells, nine inches long, or twelve inches, counting the short stem from the main stalk, by eight and one-half to nine inches across at the reflex of the petals. The flower somewhat resembles longiflorum in form, while in color it more resembles auratum, but is not so strongly marked, the color being creamy white, shading to yellow in the throat. The outside of the petals is tinged with purple but the whole flower is practically white. The perfume is very strong, but delightfully sweet and agreeable. It multiplies from bulblets in the axils of the leaves, like tiger lilies. I am told it is very rare and the bulblets valuable. We used four of the flowers in a large pillow design, which attracted much attention. Edw. Teas.

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CELESTIAL PEPPERS (just the thing for Christmas) in 2½-in. pots at $3.00 per 100; $25.00 per 1000.
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All the above mentioned stock are strong plants ready for a shift.

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Transplanted seedlings, large	12.00 per 1000
SPRENGERI SEEDLINGS	6.00 per 1000
Large, transplanted	10.00 per 1000

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large flowering, extra fine plants, ready to shift, 3-inch, $5.00 per 100.
Primroses, Chinese and Obconica, 2¼-inch, $2.00 per 100.
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HEATING SASH HOUSES.

We have three connected sash houses, thirty-two feet high, with high side walls. The houses run north and south. We have been heating the west one from a hot water boiler at the south end, by four 2-inch pipes around the sides, underneath the benches. Can you tell us how to connect the boiler with the other two houses? We would like the same heat in the second house and only half as much in the third; we should also like to be able to shut off all the heat from the third house in the coldest weather. Is there any way we can arrange this, as there is no building in front of the last two houses? MASS.

By sacrificing a little heat and placing that much extra work upon your boiler you can heat all three of your houses from the one boiler, even if you have no shed over the end. An independent riser can be carried from the boiler to supply these two houses. A 2-inch or 2½-inch pipe will be sufficient. It can be carried from the boiler to the highest point under the ridge of house No. 2; there supply a 2-inch riser to heat house No. 2, which can be piped with a 2-inch flow under the ridge, returning by two 2-inch pipes under each side bench or along side walls. House No. 3 can be heated by carrying the riser on the outside from the ridge of house No. 2 to the ridge of house No. 3 and there supply a 2-inch flow, which can be returned by two 2-inch returns, one under each side bench.

In order that this house may be thrown out of commission during severe weather it will be necessary to place a gate valve on the main flow pipe in house No. 2, so as to cut off the flow to house No. 3. An air valve should be placed on this flow pipe where it makes the angle under the ridge in house No. 3, or just behind the gate valve in house No. 2. The main return, which can be carried through the houses on the surface of the ground back to boiler, should also be provided with a gate valve to cut off the return from house No. 3, but so as not to interfere with the circulation in house No. 2. The main return in house No. 3 must also be provided with a ½-inch or ¾-inch opening into which a hose bib or nipple carrying a valve shall be placed. This outlet should be at the lowest place in the return in house No. 3 and as near as possible to the gate valve. When house No. 3 is to be put out of service close both gate valves, open the air vent in the flow pipe and then open the drain valve in the return, so as to drain all the water out of the pipes in the house to be left cold.

The riser between the ridges of houses No. 2 and No. 3 should be covered with asbestos pipe covering and over this build a box so arranged as to protect the covering from the weather. I have used galvanized gutters of proper size as a housing for exposed pipe covered with asbestos wrapping. L. C. C.

PRESSURE SYSTEM.

Kindly give plan and particulars of pressure system. How many square feet of exposed sash can be heated by one foot of hot water radiation, maintaining a temperature of 45 degrees at night when outside temperature is 15 degrees to 20 degrees below zero? How many more square feet could be heated under same conditions with pressure system, tank raised to an altitude of 8 to 10 feet? Would any precautions be necessary to prevent the water in such a tank freezing?

In a house 20 feet wide, heating pipes on side walls, would it be necessary to have pipes arranged to heat the end of the house exposed to west winds?

WM. K.

I take it for granted that you refer to hot water under pressure. This simply means that the water in the pipes is placed under pressure either by use of an elevated expansion tank or by connecting the system with a general supply having considerable pressure. City water works pressure is sometimes used when the pressure does not exceed 30 or 40 pounds. It is estimated that hot water either under pressure or in open circuit at 160 degrees temperature will carry 4.5 square feet of glass at 45 degrees for each square foot of radiating surface. If the water is heated to 180 degrees each foot of radiation will carry 5.4 square feet of glass at 45 degrees under the conditions you recite, the area heated varying in proportion to the heat of the water. The advantage of the pressure system lies in the use of smaller threaded pipes instead of the cumbersome expensive cast-iron pipes and in the fact that the water in such pipes can be carried at a higher temperature than in those not under pressure. Water in open circuit cannot be heated above 212 degrees F., while water under pressure can be forced beyond this point. The pressure system is an advantage in cold snaps when it is necessary to force the fires. Then, too, this plan admits of a combination plant which can be used for hot water during mild weather, and as a steam plant during severe weather. It is well to have this expansion tank well protected in severe climates as hot water pipes freeze more readily than cold water pipes.

Whether or not pipes should be carried across exposed end of 20-foot house all depends upon the amount of radiation carried in the house and its distribution. Under normal conditions it would be best to turn the manifolds used on the side walls across the exposed end as well.

L. C. C.

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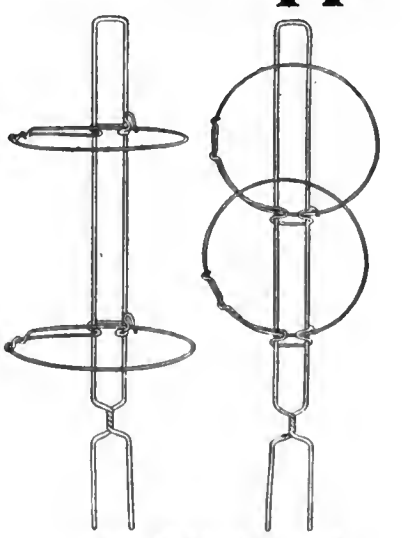
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PIPING.

Will you please let me know the amount of pipe it will take to heat a small greenhouse 10x25 and 7 feet to the ridge? I want 60 degrees in zero weather and want to put flow pipes under the ridge and come back with 1¼-inch returns.

G. W. H.

I judge you wish to use hot water for heating this small house. If so a good plan will be to run a 2-inch riser under the ridge and return it through twelve 1¼-inch pipes arranged on the side walls or under the benches. If steam is to be used a 1½-inch riser returning by nine 1¼-inch pipes will be sufficient. L. C. C.

HEATING PROBLEM.

Will you give the best plan for heating the three greenhouses, the plans of which we enclose? We have figured on using steam, as we have always used it and are not acquainted with the use of hot water only through the trade papers.

Nos. 1 and 2 are to be used for carnations principally and to be kept between 50 and 55 degrees at night. No. 3 is for roses, etc., and is to be kept at 50 or 60 degrees at night. We will build where there is solid stone within two feet of surface and would like to know if return steam can be raised to boiler pit or ground surface in a satisfactory way. The houses are all to be 100 feet long and contain about 6,200 square feet of glass all told. Is there a better way to build the houses than north and south, with work shed across the north end? What horse-power boiler will be required to furnish steam and would it be advisable to use horizontal tubular boilers?

J. H. C.

The two connected houses, which are to be used for carnations, can be piped as follows: House No. 1, the outside house, should have a 2-inch flow under ridge, returning to the main return through eight 1¼-inch pipes. House No. 2, the center house, should have a 2-inch riser under ridge and seven 1¼-inch return pipes under the benches. House No. 3, the rose house, will require a 2½-inch riser under the ridge returning by fourteen 1¼-inch pipes distributed so as to give one extra pipe along the outside wall or under the bench nearest the outside wall. Your plant requires between fourteen and fifteen hundred feet of radiation, which to heat will require a boiler with at least 200 feet of heating surface. A 15-horse-power return flue boiler will probably be adequate. If the rock is not too hard it will certainly be economy to make an excavation sufficiently deep to place the water line in the boiler 2 or 3 feet below the level of the return pipes under the benches of the greenhouses. Use a low ash-pit and fire-box and get the boiler setting as low down as possible to economize in excavation. The cost of the excavation will probably not be more than the cost of a steam-trap or feed pump and hot well which will be necessary if the boiler is kept above ground. A gasoline engine, a steam-trap or a steam pump, can any of them be used to return the water to the boiler when it is set above ground, but all are expensive to install and require constant attention and are to be avoided if possible in small plants. A gravity system with sufficient fall always gives satisfaction. L. C. C.

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HEATING.

I intend to use a hot water heater for my greenhouses and will have to have a supply tank for the heater. I have a large supply tank above my heater which I use to water my plants with. Would it keep the water too warm in this tank to water with if I used this tank to supply my heater? Or would I have to have an extra tank to supply my heater?

W. S. L.

If, as you say, the supply tank for watering purposes is of large capacity—30 to 100 barrels—I do not think the expansion pipe if connected directly from the main return to the boiler with this tank would heat the water sufficiently to be a disadvantage for watering purposes. In fact, tepid water is somewhat of an advantage. If the water never gets above 80 or 90 degrees F. there will not be the slightest danger from using it for watering purposes. L. C. C.

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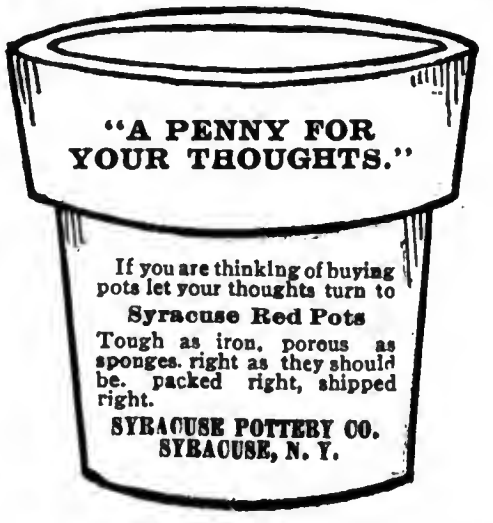


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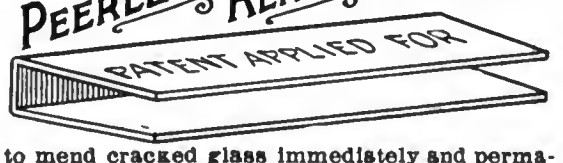
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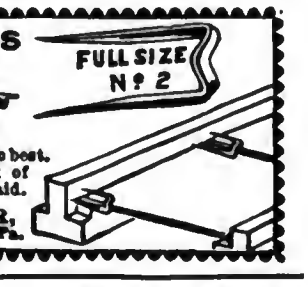
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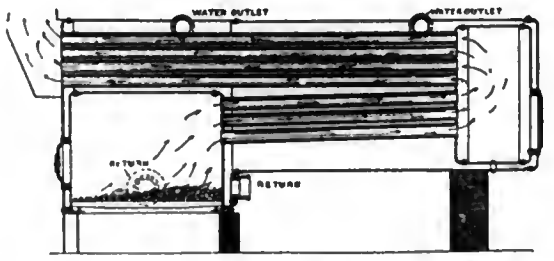


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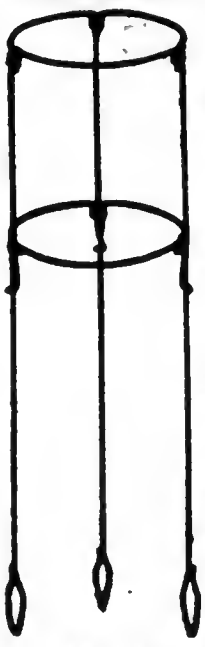
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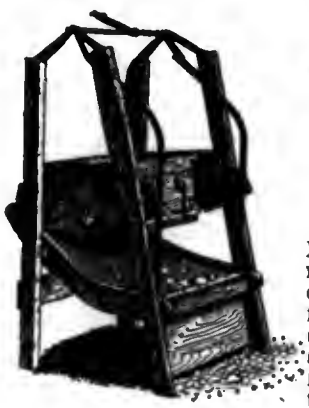
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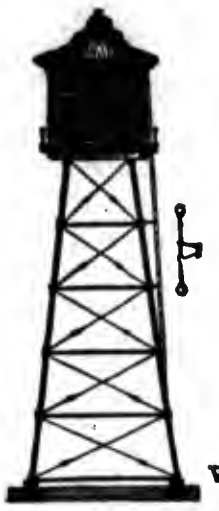
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MISCELLANEOUS SEASONABLE HINTS.

Starting French Bulbs.

The arrival of the Roman hyacinth and Paper White narcissus bulbs reminds us that summer is drawing to a close; as we get older it seems to take less time for the seasons to revolve.

We are glad of the flowers of these bulbs, so box some of each at once. Use boxes of a uniform size because it is economy of space. We find 12x24 inches, and three inches deep, a convenient size and they are not back-breaking to carry in and out of the houses. You can put the bulbs quite close. Sixty Roman hyacinths or fifty Paper Whites will go in a flat of the size mentioned. Let the top of each bulb be even with the surface of the soil or top of the box. The soil should be moderately firm beneath and around the bulbs. There is no better place for the flats than outdoors. We like to lay down some old boards for the ends of the flats to rest on, because they lift clean when bringing them in to force.

Root Action Necessary.

Before covering the flats with three inches of earth, or tan bark, or whatever material you use, give the flats a most thorough watering. Now, we shall get lots of warm, dry weather before these bulbs are brought into the greenhouse, and the object of putting them in flats so early and covering them with earth is to get a good root growth without starting the bulb. They must not be neglected for water. When you plant a tulip or hyacinth in the ground in October or November, it not only receives moisture from the rains, but moisture is continually rising from the subsoil to the surface, which is sufficient to nourish the roots. The bulbs in the flats, with board bottoms, get none of this and are dependent entirely on rains or artificial watering and it takes a heavy rain to penetrate four or five inches into the ground. Besides this first good watering, unless we have frequent rains, the beds containing the flats of bulbs should have a good soaking once a week.

I have dwelt at some length on this because it applies to all the bulbs that we grow in flats and which must be well rooted before forcing. We have seen hundreds of flats of tulips brought in during the winter with scarcely any roots, and insufficient water was the cause. As September is often a hot, dry month, choose a spot for the flats that is shaded by a wall or building. There will be less drying out.

Propagating Geraniums.

As cool weather approaches propagating will begin. For years we have made the first week in September our time for putting in our first big batch of zonal geraniums. Cuttings taken from a crowded flower bed are liable to be long-jointed and soft. Every florist should have his stock plants that have been given plenty of room. These plants give the best of cuttings. There is no need of a propagating house for these early cuttings. We pot them in good loam at once into 2-inch pots, or, for strong growing varieties, 2½-inch pots. The pots can be stood on any light bench, almost touching. Pot firmly.

Now what does this mean? It does not mean that after you have held the cutting in your left hand and filled the little pot with the soil, that you begin a performance of thumbing the surface of the soil. That only makes the surface firm and leaves the soil loose at the bottom of the pot, where the end of the cutting is. Get two or three fingers down straight in the soil so that the soil is firm around the base of the cutting. The watering will make the rest firm enough. Give the cuttings a thorough watering when first potted. That will do for several days and after that water only when they are quite dry. You could leave this early propagation until the end of the month if you have cuttings enough for all you require, but with most of us we have not and by taking a good batch now the old plants break and give you another lot of cuttings before they are injured by frost.

The variegated and tricolor varieties do better put into flats of sand, and the useful little Mme. Salleroi do not touch. Plants lifted just before frost will give you all the cuttings you need in January.

Transplant the Pansies.

Pansies that were sown in July and that are destined to winter outside, with only a covering of straw or evergreen boughs, should now be transplanted from the seed bed to the winter beds. They are too often sown very thickly and quickly become drawn. Plant four inches apart or, if space is abundant, five inches, and occasionally give them a good soaking in dry weather. There are many fine strains of pansies, but no variety will give you fine flowers without rich soil, so the beds you transplant the seedlings in should be about one-third manure. Dig in a lot of it and you will reap the benefit next spring.

Crimson Ramblers in Pots.

Crimson Rambler and other ramblers grown in pots from dormant plants last spring, if properly cared for, will have made all the growth desirable and should now be stood outdoors to ripen the growth. See that they are on a place where water cannot stand around the pots, for you do not want them to make any more growth, and warm weather and moisture will make the canes break into lateral growth, which is not desirable.

I see the Philadelphia growers depend entirely on plants of this Easter favorite that are planted out during summer and lifted and potted in November. This is correct for experts who have the means of caring for them during that crucial period between lifting and starting into growth, but, although we must admit they are the freshest in foliage and largest in flower, they are, with northern growers, a total failure and the pot-grown plants need never be a failure.

Ripening Hydrangea Growths.

You cannot travel with your eyes open without getting a hint. I noticed that the Philadelphia growers of Hydrangea Otaksa, which had been plunged in frames in 6-inch pots and had made four or five strong shoots, had their plants lifted from the frames and stood out on dry ground, which would arrest their vigorous growth and ripen their wood and buds. This plant will endure strong frost in winter, when it comes gradually, and the wood is ripe, but if kept growing with us until late in the fall and then subjected to three or four degrees of frost, the flower buds are ruined. The Philadelphians do not want any frost to ripen up their hydrangeas, but do it by a gradual withholding of water.

Larvae on Mignonette.

Just about now is the time the larvæ of the yellow butterfly will infest the mignonette. It is so exactly the color of the plants it feeds on that you do not easily discover it. A dusting of hellebore on the plants will make the larvæ sick, or a teaspoonful of Paris green in a pail of water and syringed over the plants will do the trick.

Winter Sweet Peas.

It will soon be time to sow sweet peas for those who want them in December and January. It makes little difference whether they are grown on a raised bench in six inches of soil or on a bed on the ground with a foot of soil. On a raised bench with less depth of soil they may be a few days earlier and in a deeper soil the flowers will be rather finer and the vines last longer. Let there be three feet between the rows, so that there is plenty of daylight, and do not sow or plant too thickly.

If you have no bench or bed vacant just now you can sow three or four seeds in a 3-inch pot and plant in a bed a month later. If you follow the latter plan a small twig of some sort should be given the plants in the pots for the vines to climb on.

Many attempts to produce sweet peas in winter have been a failure, mostly on account of the varieties planted. We know of two varieties that will flower in midwinter, Earliest of All, blush white and rose, and the fine white, Mont Blanc. Won't some specialist tell us of a blue or lavender and a red that are also good for forcing? Soil that is moderately rich is better than much manure. For a fertilizer use bone meal.

WILLIAM SCOTT.

TROUBLE WITH BOSTONS.

I send some fronds of Boston fern and would like to know what is the trouble with them. You will see the white streaks under the leaves. They have the appearance of eggs of some kind but start at the pot and gradually spread over the whole plant. I have a heavy stock of ferns which are growing very fast and look perfectly healthy except for this trouble. What shall I do for it? G. E.

The fern fronds in question were rather badly decayed when received,

but there was still abundant evidence as to the cause of the trouble. It is a severe attack of a certain scale insect, a chionaspis, I think, and one that does much injury to any fern upon which it spreads. The full-grown insect is a small, dull-brown scale, some of which were found upon the specimens sent, and the tiny white objects are the young insects.

If the plants are as badly infested as the specimens would indicate, some rather heroic treatment will be required, and I would suggest cutting off the worst leaves and burning them, and then giving the plants a dipping in solution of tobacco extract, using one part of Rose Leaf Extract of Tobacco to forty parts of water.

It is quite possible that this solution may injure the young tips of the fern leaves somewhat, but without such treatment it is most likely that the ferns will be spoiled by the insects, so it becomes a matter of choosing the lesser evil. But if the ferns are laid over on their sides on the bench after dipping, and are protected from the light by covering with newspapers for twenty-four hours, it is probable that the foliage will not suffer badly.

W. H. Taplin.

THE RETAIL FLORIST.....

BLUE AND WHITE.

White snapdragons, Asparagus plumosus and blue and white Canterbury bells fill the white willow basket shown in the accompanying illustration. It has a flat bottom and square handle. Owing to the unusual height of the handle, there is space for the display of the tall stalks of the Canterbury bells, the grouping of which shows two prominent points, one at a greater height on the right and the other more than half way up on the left. A shorter cluster of white snapdragons with a heavy fringe of the asparagus fills the lower left and front of the basket. Toward the right the asparagus border lightens and lengthens, ending in several delicate strands far out from the base of the handle. The flat top of the handle is also draped with a heavy strand of asparagus, which falls back from the handle on the left and forward from the right corner.

Slightly to the left of the top of the handle, at the point where the asparagus is attached to it, the most prominent of the upper group of doves is perched, the heavy wire with which it was attached to its original mounting serving to fasten it on the handle of the basket. The two other doves of this group are set on close to the corner, and the two remaining ones are mounted as shown, one on the inside edge of the left handle and the last nestling among the flowers on the lower edge of the basket.

While in this case blue and white was the pleasing color combination, lavender and white or pink and white could be properly employed with the doves. Chatenay or Ideal roses are good color material for this scheme. Whatever the color employed, there should be less white than color used in order to strengthen the contrast made by the sharp white of the doves.

Gladioli, asters, hollyhocks or phlox would all make good material for a basket study like this. The design may be used for a display or funeral basket.

Gertrude Blair.

Waukesha, Wis.—Robert Leadley, the landscape gardener, who had done so much for the added beauty of this vicinity, died August 12, aged 80 years.

THOMAS F. GALVIN.

One of the oldest and most successful of the business houses in the city of Boston is the retail floral establishment of Thomas F. Galvin, located at the prominent and busy corner of Tremont street and Hamilton place, directly opposite the Park street church and the Park street station on the electric subway, and also the more recently erected and handsome branch establishment for Back Bay customers at the corner of Boylston and Fairfield streets.

The Galvin floral history extends over a period of more than a half century, being started by John Galvin, father of the present well known proprietor, whose name in Boston and over a large part of New England stands for everything that is good in the retail flower business. The well known Public Gardens were laid out by John Galvin, who was for many years city forester of Boston.

John Galvin in the early days cultivated the growing taste for flowers and supplied the way for gratification by establishing order boxes at Harris & Chapman's, well known druggists at the corner of Tremont and Winter streets; at Curtis & Cobb's store, on Washington street, and at Gibbon's, the leading grocery house of those days. A constant increase in business led him to open the well known flower mart in the Albion building, now occupied by Houghton & Dutton. Here for many years Boston and many of the eastern states sent for choice flowers and the firm secured a national reputation. The business now so successfully managed by Thomas F. Galvin can boast of two of the handsomest flower stores in America.

Peter Fisher's epoch marking Lawson carnation was introduced and named by Mr. Galvin. No floral novelty ever caused



Basket of Snapdragons and Canterbury Bells.

such a furor among horticulturists and the wide newspaper publicity given placed this carnation on the highest pedestal and did much toward increasing the popularity of the divine flower.

A large proportion of the big and important social functions which have occurred in Boston during the last quarter of a century have been supplied with floral decorations from T. F. Galvin's, including such affairs as the entertainment by the city of Boston of Queen Kapiolam and Prince Henry of Prussia, and the recent magnificent banquet of the Ancient and Honorable Artillery Co. to their London visitors. During the particular seasons when flowers seem to crowd out other things and take the lead in popularity, such as Christmas, Easter, Memorial day, Valentine's day, etc., a visit to the Galvin stores will convince anyone of the great business done.

The artistic and beautiful Back Bay conservatory is the Mecca for society people who want the very best the floral market can supply. This conservatory is conceded to be the ne plus ultra of floral palaces in this country. It is always attractive, but on festal occasions especially so.

Mr. Galvin, during his recent European trip, visited all the leading flower markets and prominent growers for the purpose of making selections of the best things in sight for the coming season.

W. N. Craig.



Thomas F. Galvin.

STEAMER SAILINGS.

Those who wish to post steamer sailings in the show window as a means of securing orders for telegraphic transfer to a New York correspondent, or one of the firms represented on the Review's page of Leading Retail Florists, will find here the principal sailings for the next two weeks:

Date.	Steamer.	Destination.
Sept. 2	Konig Albert	Naples.
Sept. 2	Pennsylvania	Hamburg.
Sept. 2	Minneapolis	London.
Sept. 2	Finland	Antwerp.
Sept. 2	Umbria	Liverpool.
Sept. 2	Louisiana	Havre.
Sept. 5	Caronia	Liverpool.
Sept. 5	Kaiser Wilhelm	Bremen.
Sept. 6	Rotterdam	Rotterdam
Sept. 6	Oceanic	Liverpool.
Sept. 6	Germania	Marseilles.
Sept. 7	Main	Bremen.
Sept. 7	Blucher	Hamburg.
Sept. 7	La Lorraine	Havre.
Sept. 9	Konigin Louise	Naples.
Sept. 9	Vaderland	Antwerp.
Sept. 9	Lucania	Liverpool.
Sept. 9	Napolitan Prince	Naples.
Sept. 9	New York	Southampton.
Sept. 9	Furst Bismarck	Hamburg.
Sept. 12	Kaiser Wilhelm II.	Bremen.
Sept. 12	Cevic	Liverpool.
Sept. 13	Majestic	Liverpool.
Sept. 13	Hellig Olav	Copenhagen.
Sept. 13	Potsdam	Rotterdam.
Sept. 14	La Bretagne	Havre.
Sept. 14	Bremen	Bremen.
Sept. 14	Moltke	Hamburg.
Sept. 15	Cedric	Liverpool.
Sept. 16	British Empire	Antwerp.
Sept. 16	Patricia	Hamburg.
Sept. 15	Etruria	Liverpool.
Sept. 16	Kroonland	Antwerp.
Sept. 16	St. Louis	Southampton.

SWEET PEAS.

As the time for planting sweet peas for Christmas blooming is near, I would ask what are the best varieties in red, white, pink and purple? Should they be planted in solid or raised benches? What soil is best? What treatment should they receive during blooming periods? H. C. H.

Yes, it will soon be time to sow the sweet peas for Christmas, either in the bed where they are to flower, or in 3-inch pots to be later transferred to the bed. The writer once had some sorry experience in planting them in a solid bed. They grew all of twelve feet if straightened out and were very late, but I was assured only last week by the best grower in New England that he grows them in a solid bed about one foot deep. It was the variety and not the bed that caused the failure. Many beautiful peas are useless for forcing. Here are four good varieties: Earliest of All, Blanche Ferry type, splendid for forcing, just what its name implies; Mont Blanc, finest waite for forcing; Countess of Radnor, lavender; Coccinea, scarlet.

Keep at a night temperature of 45 to 50 degrees. Do not crowd the plants and keep moderately moist. Ventilate whenever the weather will permit.

W. S.



METHODS TO GAIN SUCCESS.

[An essay by F. L. Girdwood, Montreal, read before the Canadian Horticultural Association, August 9, 1905.]

Close attention and specializing in the culture of violets is the only key to success; neglect, carelessness or forgetfulness are absolutely fatal. It is one of those crops which, when scientifically grown, should yield a fair margin of profit, especially if the grower has reasonable facilities for transportation and is not too far away from his market.

The uncertainty of a violet crop, the innumerable obstacles encountered, the unforeseen difficulties to be contended with, the prejudices to overcome, give a decided zest to the work and a pleasure to the grower, especially when he reaches the goal he wished to attain and his efforts have been crowned with success.

It is my intention to make a very short summary of the selection, ways, means and methods of cultivating violets commercially and incidentally touching upon transplanting, fertilization, care of the house, its heating, lighting, ventilation and drainage. Then planting, syringing and propagation and finally diseases, pests, picking, packing and marketing.

No matter how good your stock is, there is always room for improvement. The best growers never sell the choicest of their stock, so the grower commencing in a small way is rather handicapped, having to put up with possibly second rate plants. The first season a grower has his house filled with plants is the time to make careful selection for next year's stock, and I may say that it is imperative to keep the best. By continuing to do this for several years, the flower bearing possibilities of your plants will very materially increase, not only in number but very probably in size of flowers.

Propagation.

There are four ways of propagation:

(1) By cuttings three or four inches long, made from carefully selected, well-formed and well-developed runners and rooted in clean, sharp sand.

(2) By divisions made by taking up the old plants and separating them, the old roots, woody, fibrous stems and dead leaves being discarded and burned. The young, well-rooted divisions should be transplanted and placed two or three inches apart each way. They must be well watered and placed in the shade for several days, until such time as they are well established, and in about three weeks they can be carefully lifted with a

trowel, leaving a good earth ball attached to each plant.

(3) By cuttings made from young, unrooted crowns, or divisions of the old plant, removed during the winter or spring without disturbing the mother plant.

(4) By removing well-rooted young divisions, crowns or offshoots, without injuring or disturbing the flowering plant, then carefully nursing them the same as the divisions in spring.

Strong, hardy plants should always be chosen, with an abundance of good foliage and well defined roots.

Field Planting.

Plants set out in May to sun-ripen where the soil is perfectly drained, get splendidly established, are stronger, healthier and more vigorous than those set out later in the season, when the weather is invariably hot and dry and the soil parched and cracked. They should not be planted so deep as to retard their growth or injure the life of the plant, and they must be kept free from weeds, runners and decayed leaves, and the flowers should always be picked at this time, whether marketable or not.

The soil during the violets' stay in the field should be frequently stirred and great caution must be used to eliminate the possibility of injury to the roots.

Three or four months in the field will make them strong enough to transplant about September to the greenhouse and it will be found advantageous to take as much earth with the roots as possible.

Soils.

Benches should be so constructed as to be able to take in five rows nine inches apart and should contain at least six inches of loam. At the bottom of the bench should be ½-inch openings, carefully covered with loose broken stone and ashes. This is to ensure perfect drainage, as violets will not thrive where the earth becomes sour or sodden.

The compost should be made in the autumn for next winter's benches. Good, strong, fibrous loam and barnyard manure is best, properly mixed in the proportion of one part of manure to two of loam. This should be left standing until the spring, when it should be chopped down and thrown into a heap to facilitate the continuance of decomposition. This earth should measure up to the cubic capacity of your benches to insure having a sufficient quantity.

Where practicable this soil might be sterilized, and if scientifically treated should make it in ideal condition for your beds and for the time being eliminate such pests as red spider, aphis and fungus.

A number of authorities upon sterilizing quote 212 degrees as being the correct temperature. This is erroneous. It should be 176 degrees, because 212 degrees would free the ammonia, one of the most important factors, and besides the salts would lose their fertilizing power. I have the highest authority for this statement.

Equipment.

The plants should be properly bedded to avoid being drowned during syringing. Syringing should only be done on bright days during the winter, as the plants must not be wet late in the day.

In my experience with many furnaces, the Robert W. King takes the palm. It is easily attended to, low pressure, reasonable in cost, nothing to get out of order and should last for years with care. The piping should run the whole length of the building, underneath the benches. My great objection to placing them near the glass is that you are losing heat through radiation outside (coal costs money) and then besides you are encouraging the prolific incubation of the very pests that you wish to exterminate.

Your house should have King's automatic thermostat for proper regulation of temperature, and if correctly set will close the ventilators securely before any damage can be done to the plants. A bell attachment to this will notify you of the change in the temperature and will aid you in the attendance needed at the furnaces.

The violets' susceptibility to frost necessitates the house to be 50 degrees in the day and 38 degrees at night. They should also be protected from the direct rays of the sun by having the glass frosted the proper way.



Tremont Street Store of Thos. F. Galvin, Boston.

Pests.

Great care of the plants is required in the greenhouse in keeping them free of red spider and aphis. The red spider can be kept down by syringing the plants three times a week, bearing in mind at the same time that the more advanced your plants are the more careful must your syringing be.

Fumigation to rid the house of pests is resorted to by many. I do not advocate it, as it is dangerous and poisonous, being a combination of cyanide of potassium and sulphuric acid, termed hydrocyanic-acid gas. In using this gas the cubical contents of your house must be accurately figured out, or all your pains and propagating will go for naught.

Picking and Marketing.

It may be mentioned here that the early violets are nothing like as large as the ones gathered later in the season. When the violets are ready to ship in commercial quantities they should be gathered carefully. No plant should be wounded in any way during the process. The best method is to straighten out the stem to its full length between the thumb and index finger; then follow the stem down to the plant with the third or fourth finger; then break the stem off.

The flowers should be bunched the night before marketing, and let me say here that great caution, good taste, sound judgment in selection, artistically arranged bunches, and neatness in packing is the only way to succeed in gaining or retaining your own reputation and a fair share in the profits.

After bunching the stems should be put in water, allowing the leaves individual to each particular variety to rest upon the edge of a trough in the shape of a "V" with holes large enough for the stems to go through. This will keep them in shape and prevent the flowers from being drowned and losing their fragrance.

One must make a judicious study of the local markets and pander to the prevailing taste of the public to command the best prices. Care should be taken to pack securely from Jack Frost and in such a way as to retain their delightful fragrance during shipment. It will be seen that marketing is a high art and an essential factor to success. The grower must be thoroughly familiar with the needs, peculiarities and eccentricities of his market to be able to cope successfully with its demands.

The crop can be disposed of in several ways, retail, wholesale, through an agent or by commission. These all have advantages and the grower must be guided by his own sound judgment. Any experiments on these lines must be well thought out in a rational, judicious and practical manner.

Nearly every department store of any importance has a flower stand, and if the grower gets in touch with their purchasing agents and has a special flower with a distinct and popular name, one that will fill all requirements, it will be a good advertisement for your violets, as thousands of people must see them during their season every day. This would be a good start and a splendid business could be built up and increased as demand necessitated or opportunity offered.

Don'ts.

Don't let friends smoking a pipe or cigar walk through your houses when you have a large crop. Violets are supersensitive to outside influences.

Don't let your house get too cold or yet too hot.

Don't attempt too many things; better make a success of one.

Don't sell the best you have all the time; they may become a drug in the



Conservatory of Back Bay Store of Thos. F. Galvin, Boston.

market and, besides, you need some for yourself.

Don't let weeds accumulate; burn them.

Don't let red spiders get the best of you; soak them.

Don't let everybody plant plants; let somebody plant plants, and the somebody who plants plants must be yourself.

LILIES AND TUBEROSES.

Will you kindly let me know when to plant the St. Joseph's lily for late forcing and how to take care of it, also the auratum lily, and how you grow tuberoses for winter forcing and for summer? L. A. G.

I am not sure what is meant by St. Joseph's lily but have heard Lilium candidum called by that name. Lilium candidum bulbs are received in September and October and can be put into 6-inch pots as soon as received and placed in a frame outdoors. They are nearly hardy in western New York, but should not be exposed to very hard frost when in pots. Bring them in by December 1 and if you do not want them for Easter, put them in a cool house. In a night temperature of 40 degrees during mid-winter, with the natural increase of heat during March and April, they would flower in May, but when we grew this lily we had no difficulty in getting it in flower in early April. Since the introduction of Lilium Harrisii and later the Japanese longiflorum very few L. candidum are forced.

Tuberose flowers are very difficult to produce from New Year's on to April. For late fall the bulbs are held in some cool, dry place and started in September and will flower in December. For March and April flowers the new crop bulbs can be started in early January. Put them three inches apart in flats three inches deep and place over the hot-water pipes. The compost to start them in can be sand and chopped sphagnum. When well started and rooted pot into 4½-inch or 5-inch pots and keep them in a temperature of not less than 70 degrees.

For May and on during summer they can be started in February and March. It is well to start them in flats, in some light material, as you save bench room. If you wish a constant supply then start a batch every two weeks and for the later crops, instead of putting them in pots, you can plant from the flats onto a bench, six inches apart in four inches of light, rich soil. Animal manure is said to induce strong leaf growth at the expense of flowers, but when the spike is well developed liquid manure will greatly improve the quality of the flowers. W. S.

Send the Review 25 cents for Montgomery on Grafted Roses.

ASPARAGUS COMORENSIS.

I have been growing Asparagus plumosus nanus seed for several years and found among my seedling plants one very beautiful plant which I kept and grew with success. Last year it bore very large seeds of a bluish white color. I planted them and they came up at once and look exactly like their parent plant. I send two of the little plants and two small fronds of the parent. Can you tell me anything about them, or are they something new?

S. B. Ritter.

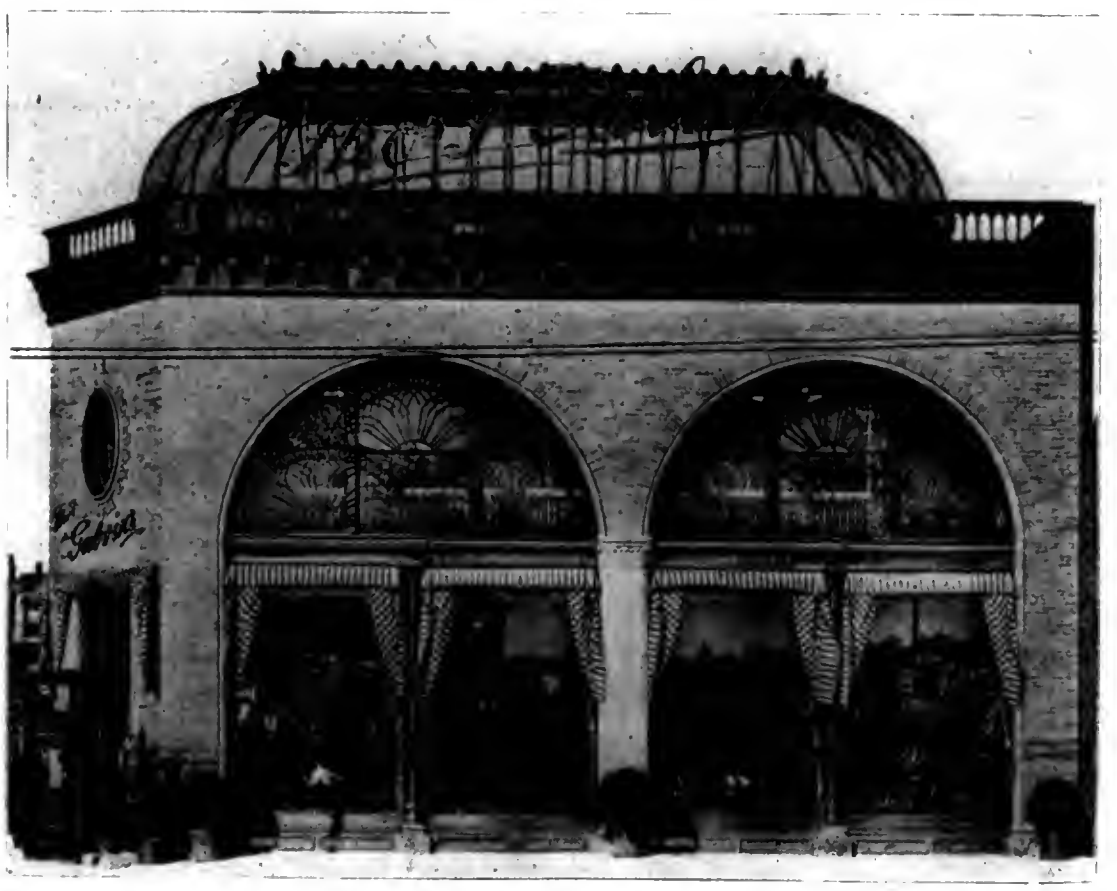
Owing to the warm weather and some delay in transit the specimens of this asparagus were not in very good condition on their arrival, but it seems probable that the variety in question is Asparagus comorensis. This is not a new variety, having been in cultivation around New York for at least fifteen years, and is considered superior to the ordinary A. plumosus by some growers. A. comorensis is usually darker in foliage than A. plumosus or plumosus nanus, and the foliage is said to be somewhat softer to the touch, but it is merely a variation from A. plumosus, of which there are several seedling variations in cultivation.

W. H. Taplin.

RATES FOR WATER.

Is it customary to pay for city water by meter or contract where a person is to use city water for greenhouse work. I have two houses, each 20x143 feet, and will heat by hot water. In my case would you advise using the water by meter or contract? F. W. S.

In some cities water is metered, in others sold at a fixed yearly rental, while in this case it appears, from the wording of the question, that both methods are in vogue and the city officials are so magnanimous as to give the consumer his choice. The preference will naturally depend on the rates charged, which are not stated.



The Back Bay Store of Thomas F. Galvin, Boston.

ORNITHOGALUM ARABICUM.

We have just received from California 500 bulbs of Ornithogalum Arabicum and would like to know how to handle them so as to have them come in for Easter as pot plants. We thought of putting five bulbs in a 6-inch pot. Will that be too many? If we plant them now will they bloom for Christmas? We also have some freesia bulbs and would like to know how to keep them so as to plant them for Easter.

A. R.

It is many years since we have seen these bulbs grown and then they were not forced. We think three bulbs in a 6-inch pot would be enough. April and May is the time this species flowers in temperate climates, so they should under glass be easily forced for Easter. I would advise potting at once and, after one watering, keep them rather dry until leaf growth begins. I scarcely think they can be flowered at Christmas.

Freesias are not properly bulbs. They are corms and will keep a long while in a dormant state if kept dry and cool. If you want to make sure of their keeping, then put the corms in perfectly dry sand and place in cool room. W. S.

SNAPDRAGONS.

I would like to say for the benefit of those who have no house for roses and would like to grow something besides carnations for cut flowers, that if they would try antirrhinums they would find something both fine and profitable. Buy the Queen of the North seed, sow it now, transplant into the bed, water, tie up and mulch the same as carnations and the result will be highly pleasing, as they are fine, both for design work and cut flowers. We have tried them for two years and will continue to grow them, for there are always new flower shoots coming on and the blooms will last for two weeks after they are cut.

W. G. Thomas.

The meeting was called to order at 10:30 p. m., President Peter Fisher in the chair. Members present were President Peter Fisher, Ellis, Mass.; E. G. Gillett, Cincinnati, Ohio; J. S. Wilson, Western Springs, Ill.; Wm. Weber, Oakland, Md.; Albert M. Herr, Lancaster, Pa., and a number of members of the society.

A copy of the by-laws as framed by Secretary Herr was presented for consideration and, after considerable discussion and some changes, they were ordered printed and mailed to each paid-up member of the society at least thirty days before the regular annual meeting, January 24 and 25, 1906, for final adoption.

There being no additional premiums offered for the premium list, the getting up of this list and a program for the meeting was left to be completed by mail at a later date.

Albert M. Herr, Sec'y.

HELIOTROPES.

What time should cuttings of heliotropes be planted to be in flower in 4-inch pots for Christmas? How should they be treated to produce bushy plants?

H. C. H.

Heliotropes root very poorly from cuttings taken from plants growing in the ground and plants rooted late in the spring may be carried over for Christmas. But a better way is to "strike" cuttings that have been grown inside either in pots or some plant that is planted out and has been cut back in July. The heliotrope is a quick growing, quick rooting plant and if kept shifted soon makes a large plant. It requires stopping to make a bushy plant and if stunted for root room is very liable to be attacked with rust. Cuttings rooted now or before the end of August should make good 4-inch plants by Christmas. W. S.



CARNATION NOTES.—EAST.

Removal of Dead Foliage.

It is very unlikely that any grower can show a perfectly clean bill of health as far as foliage is concerned. Lifting from the field and transplanting in the benches, no matter how carefully done, is bound to disturb the balance between roots and top, the result being more or less loss of lower foliage. Much depends on the care bestowed on the plants during the time they are getting established; still under certain weather conditions any variety will suffer somewhat. Then there are those inclined to softness in the foliage that are next to impossible to handle without sacrifice of some lower leaves.

Opinions differ as to the advisability of removing this withered foliage, but like most operations there is a right time and way to obtain the best results. Beginning the work too soon, that is, before the leaves have become sufficiently dry to come away without injury to the branch, is one cause of trouble. Then, again, the average American gets very nervous over such tedious work; the job seems to drag, incompetent help is pressed into service to expedite matters, with the result that the plants are handled roughly, loosened from their hold on the soil and many branches broken.

While it is admitted to be aggravating work it pays to do it well. To allow the objectionable foliage to remain not only gives an unsightly appearance to the plants but seriously interferes with free circulation of air among the lower branches, besides furnishing a medium for the collection of moisture where fungous diseases may develop. Again, during the dark days of winter it will be very difficult to dry the foliage before night. By all means clean up the plants. When the job is done your whole establishment will look brighter.

George S. Osborn.

AMERICAN CARNATION SOCIETY.

A meeting of the board of directors of this society was held at the Ebbitt House, Washington, D. C., immediately after the adjournment of the evening session of the S. A. F. Tuesday, August 15. All members of the society were invited to attend, said announcement being made by Secretary Stewart.



A SEASON FOR CARE.

As the season for firing approaches conditions call for careful observance in regard to watering and ventilation. The transition from natural to artificial heat is the most critical period in the life of the rose and any carelessness, neglect or ignorance in the administration of the essentials, temperature, ventilation and water, at this season, will bring dire results later on.

To properly prepare the stock for this change due regard must be taken of the fact that evaporation is on the decline and stock cannot use, with advantage, the copious supplies of water necessary during the summer months and consequently the supply must be carefully gauged to meet the diminishing wants. Root action will also become more sluggish and, if the soil ever approaches the point of saturation, the stock will surely suffer.

As the artificial heat will affect the soil in the bench in an entirely different manner from sun heat, the effect will be that the soil will dry out more rapidly when it is in close proximity to the heating pipes and where these heating pipes are under the benches, as in many cases we still find them, the



Canadian Horticultural Association in Convention at Montreal, August 10, 1905.

greater care and watchfulness is necessary to keep the soil uniformly moist, so that the roots may not suffer.

Syringing will have to be practiced on every favorable opportunity in order to keep spider in check and particular attention should be given to corners and those parts of the house where, by reason of extra pipes, headers, etc., heat is likely to accumulate, as these are the breeding places of the pest, and if neglected become truly plague spots.

The administration of fresh air at the proper time should also receive careful attention, as this is the true source of hardy foliage of good texture and color, without which we cannot enter on the short days with a fair chance of success.

As the night hours begin to get chilly less ventilation will be required and particular care should be given to morning ventilation, raising the sashes gradually as the day warms, but never so much at a time as to lower the temperature. The same care should be exercised during the afternoon, when ventilation is being reduced, so that after each reduction there will be no appreciable raise of temperature.

Advantage should be taken of the first application of heat to paint the pipes with the sulphur mixture to eradicate any mildew that may be in the house. A little persistence in this work will soon cause it to disappear.

RIBES.

CUT FROM TEAS.

I have been growing roses for two years and am wondering if I am getting a fair crop. I have about 500 plants on solid beds and am giving them ordinary rose treatment. The plants stand from four to six feet high. Last season I cut nearly 10,000 roses, and from the present outlook will cut 12,000 or over from the 500 plants. L. O.

Assuming that these are tea roses, you have done fairly well, this being a fair cut from solid benches. Seeing that you have only been growing for two years you may expect to obtain a higher average with a little more experience. RIBES.

PLANTS FOR EASTER.

I would like to know if Dorothy Perkins roses that were propagated last winter can be made to bloom for next Easter? A. J. R.

Dorothy Perkins is rather more difficult to get into bloom at Easter than any of the other ramblers and to have any chance of success the plants must be strong, vigorous and the wood well ripened before they are touched by frost. They should be lifted from the field as soon as they shed their leaves, potted and placed in a cool cellar until January, when they should be gradually introduced to heat and light. Stock of the age mentioned, unless exceptionally strong, would hardly pay for the trouble. Two-year-old stock selected for forcing would be preferable. RIBES.

RENAMED ROSES.

There can be no question as to the beauty of the rose Frau Karl Druschki, a cross between Merveille de Lyon and Caroline Testout, but a doubt has arisen as to its proper name. It appears that it was exhibited at various places in Germany by its raiser, Peter Lambert, as Schnee Königin (Snow Queen), but at that time it was not in commerce. When Mr. Lambert offered it to the trade he sent it out under the name of Frau Karl Druschki. The question is, which name should have precedence? Was the exhibition of the rose without description or figure to be taken as sufficient publicity? If it was, then of course the first name ought to remain—particularly if the rose was certificated, as it probably was. But the public cares little for rules of priority; it has got to know and appreciate the rose as Frau (or Madame) Karl Druschki, and not all the congresses will be able to effect a change. It will be remembered that a similar question arose with reference to Mrs. W. J. Grant. This lovely rose was exhibited and certificated and, we believe, be-medaled under this name. The stock was sold to a firm of American nurserymen, who considered that as they had purchased the rose they had the right to name it as they chose, and thus the name Belle Siebrecht is attached to it in America. We need not enter upon the ethical question whether the purchasers were right or wrong in their procedure. Assuming for argument's sake that they were within their right, we are equally within ours by adhering to the rule of priority of publication, and in our trade catalogues and particularly in official publications, precedence should be given to the English rather than to the American lady.

Frau Karl Druschki is probably the finest white-flowered hybrid perpetual rose in cultivation. It is a good grower and free bloomer, producing freely long pointed buds and broad petals. Every rose grower should include this grand rose in his collection. It is a fine buttonhole rose.—Gardeners' Chronicle.

PUBLICATIONS RECEIVED.

[The Amateur Gardeners' Rose Book, by Dr. Julius Hoffmann; $2.50 net; Longmans, Greene & Co., New York and London.]

The latest book on the rose is by a well-known German writer and deals with rose growing, not wholly amateur, as it is practiced along the Rhine. It is translated by John Weathers, F. R. H. S., and contains occasional notes by the translator pointing out differences in culture or varieties apparent to one whose experience has been in the milder if more fickle climate of the British

ORNITHOGALUM ARABICUM.

We have just received from California 500 bulbs of Ornithogalum Arabicum and would like to know how to handle them so as to have them come in for Easter as pot plants. We thought of putting five bulbs in a 6 inch pot. Will that be too many? If we plant them now will they bloom for Christmas? We also have some freesia bulbs and would like to know how to keep them so as to plant them for Easter.

A. R.

It is many years since we have seen these bulbs grown and then they were not forced. We think three bulbs in a 6-inch pot would be enough. April and May is the time this species flowers in temperate climates, so they should under glass be easily forced for Easter. I would advise potting at once and, after one watering, keep them rather dry until leaf growth begins. I scarcely think they can be flowered at Christmas.

Freesias are not properly bulbs. They are corms and will keep a long while in a dormant state if kept dry and cool. If you want to make sure of their keeping, then put the corms in perfectly dry sand and place in cool room. W. S.

SNAPDRAGONS.

I would like to say for the benefit of those who have no house for roses and would like to grow something besides carnations for cut flowers, that if they would try antirrhinums they would find something both fine and profitable. Buy the Queen of the North seed, sow it now, transplant into the bed, water, tie up and mulch the same as carnations and the result will be highly pleasing, as they are fine, both for design work and cut flowers. We have tried them for two years and will continue to grow them, for there are always new flower shoots coming on and the blooms will last for two weeks after they are cut.

W. G. Thomas.

The meeting was called to order at 10:30 p. m., President Peter Fisher in the chair. Members present were President Peter Fisher, Ellis, Mass.; E. G. Gillett, Cincinnati, Ohio; J. S. Wilson, Western Springs, Ill.; Wm. Weber, Oakland, Md.; Albert M. Herr, Lancaster, Pa., and a number of members of the society.

A copy of the by-laws as framed by Secretary Herr was presented for consideration and, after considerable discussion and some changes, they were ordered printed and mailed to each paid-up member of the society at least thirty days before the regular annual meeting, January 24 and 25, 1906, for final adoption.

There being no additional premiums offered for the premium list, the getting up of this list and a program for the meeting was left to be completed by mail at a later date.

Albert M. Herr, Sec'y.

HELIOTROPES.

What time should cuttings of heliotropes be planted to be in flower in 4 inch pots for Christmas? How should they be treated to produce bushy plants?

H. C. H.

Heliotropes root very poorly from cuttings taken from plants growing in the ground and plants rooted late in the spring may be carried over for Christmas. But a better way is to "strike" cuttings that have been grown inside either in pots or some plant that is planted out and has been cut back in July. The heliotrope is a quick growing, quick rooting plant and if kept shifted soon makes a large plant. It requires stopping to make a bushy plant and if stunted for root room is very liable to be attacked with rust. Cuttings rooted now or before the end of August should make good 4-inch plants by Christmas. W. S.



CARNATION NOTES.—EAST.

Removal of Dead Foliage.

It is very unlikely that any grower can show a perfectly clean bill of health as far as foliage is concerned. Lifting from the field and transplanting in the benches, no matter how carefully done, is bound to disturb the balance between roots and top, the result being more or less loss of lower foliage. Much depends on the care bestowed on the plants during the time they are getting established; still under certain weather conditions any variety will suffer somewhat. Then there are those inclined to softness in the foliage that are next to impossible to handle without sacrifice of some lower leaves.

Opinions differ as to the advisability of removing this withered foliage but like most operations there is a right time and way to obtain the best results. Beginning the work too soon, that is, before the leaves have become sufficiently dry to come away without injury to the branch, is one cause of trouble. Then, again, the average American gets very nervous over such tedious work; the job seems to drag, incompetent help is pressed into service to expedite matters, with the result that the plants are handled roughly, loosened from their hold on the soil and many branches broken.

While it is admitted to be aggravating work it pays to do it well. To allow the objectionable foliage to remain not only gives an unsightly appearance to the plants but seriously interferes with free circulation of air among the lower branches, besides furnishing a medium for the collection of moisture where fungous diseases may develop. Again, during the dark days of winter it will be very difficult to dry the foliage before night. By all means clean up the plants. When the job is done your whole establishment will look brighter.

George S. Osborn.

AMERICAN CARNATION SOCIETY.

A meeting of the board of directors of this society was held at the Ebbitt House, Washington, D. C., immediately after the adjournment of the evening session of the S. A. F. Tuesday, August 15. All members of the society were invited to attend, said announcement being made by Secretary Stewart.



A SEASON FOR CARE.

As the season for firing approaches conditions call for careful observance in regard to watering and ventilation. The transition from natural to artificial heat is the most critical period in the life of the rose and any carelessness, neglect or ignorance in the administration of the essentials, temperature, ventilation and water, at this season, will bring dire results later on.

To properly prepare the stock for this change due regard must be taken of the fact that evaporation is on the decline and stock cannot use, with advantage, the copious supplies of water necessary during the summer months and consequently the supply must be carefully ranged to meet the diminishing wants. Root action will also become more sluggish and, if the soil ever approaches the point of saturation, the stock will surely suffer.

As the artificial heat will affect the soil in the bench in an entirely different manner from sun heat, the effect will be that the soil will dry out more rapidly when it is in close proximity to the heating pipes and where these heating pipes are under the benches, as in many cases we still find them, the



Canadian Horticultural Association in Convention at Montreal, August 10, 1905.

greater care and watchfulness is necessary to keep the soil uniformly moist, so that the roots may not suffer.

Syringing will have to be practiced on every favorable opportunity in order to keep spider in check and particular attention should be given to corners and those parts of the house where, by reason of extra pipes, headers, etc., heat is likely to accumulate, as these are the breeding places of the pest, and if neglected become truly plague spots.

The administration of fresh air at the proper time should also receive careful attention, as this is the true source of hardy foliage of good texture and color, without which we cannot enter on the short days with a fair chance of success.

As the night hours begin to get chilly less ventilation will be required and particular care should be given to morning ventilation, raising the sashes gradually as the day warms, but never so much at a time as to lower the temperature. The same care should be exercised during the afternoon, when ventilation is being reduced, so that after each reduction there will be no appreciable raise of temperature.

Advantage should be taken of the first application of heat to paint the pipes with the sulphur mixture to eradicate any mildew that may be in the house. A little persistence in this work will soon cause it to disappear.

RIBES.

CUT FROM TEAS.

I have been growing roses for two years and am wondering if I am getting a fair crop. I have about 500 plants on solid beds and am giving them ordinary rose treatment. The plants stand from four to six feet high. Last season I cut nearly 10,000 roses, and, from the present outlook will cut 12,000 or over from the 500 plants. L. O.

Assuming that these are tea roses, you have done fairly well, this being a fair cut from solid benches. Seeing that you have only been growing for two years you may expect to obtain a higher average with a little more experience. RIBES.

PLANTS FOR EASTER.

I would like to know if Dorothy Perkins roses that were propagated last winter can be made to bloom for next Easter? A. J. R.

Dorothy Perkins is rather more difficult to get into bloom at Easter than any of the other ramblers and to have any chance of success the plants must be strong, vigorous and the wood well ripened before they are touched by frost. They should be lifted from the field as soon as they shed their leaves, potted and placed in a cool cellar until January, when they should be gradually introduced to heat and light. Stock of the age mentioned, unless exceptionally strong, would hardly pay for the trouble. Two-year old stock selected for forcing would be preferable. RIBES.

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The Amateur Gardeners' Rose Book, by Dr. Julius Hoffmann. 82 pages. Leipzig: Grieben & Co., New York and London.

The latest book on the rose is by a well known German writer and deals with rose growing, not wholly amateur, as it is practiced along the Rhine. It is translated by John Weathers, F. R. H. S., and contains occasional notes by the translator pointing out differences in culture or varieties apparent to one whose experience has been in the milder if more fickle climate of the British

Isles. The list of over 200 varieties which Dr. Hoffmann recommends as the choicest kinds is also supplemented by Mr. Weathers with a large number of other varieties which, he says, have been found dependable in England. His additions include Debutante and Dorothy Perkins.

The author set himself the task of dealing in a clear, concise and comprehensive manner with all matters relating to the rose, which are likely to be found of interest to the amateur rose grower and the beginner at the work, also the recording of such general information as would make the volume one of reference for the skilled and experienced grower. Various chapters cover classification of varieties, soil, propagation, garden culture, pruning, grafting, forcing, seedling raising, etc., the whole fully indexed. The translation is literal in order that the author's views may be set forth as closely as possible. Of course the practice is German, but in the preface it is recorded that "the English grower will be able to note the principal differences between some Continental methods of cultivation and those generally practiced in the United Kingdom, and he may even think it worth while to adopt some of them occasionally."

The volume is handsomely printed and twenty color-plates add much to its beauty. These show a number of characteristic and popular kinds of roses, as Rosa canina, Souv. de la Malmaison, Mme. Victor Verdier, Marechal Niel, Crimson Rambler, Kaiserin, Gruss an Teplitz, Frau Karl Druschki, etc., from original paintings, reproduced in an art printery at Stuttgart. The work is one which should find a handy shelf in any library of gardening literature.

Rockford, Ill.—Work is being rushed on H. W. Buckbee's big new range. The glazing will soon be completed.

A USEFUL PLANT.

I am sending a piece of a plant of which I would like to know the name. It is used as a border plant. W. F. D.

The small piece of plant enclosed is Santolina incana. It is used for an edging and for lines in carpet bedding. You can clip it to almost any shape, hence its usefulness for the above purposes. It is almost hardy in the eastern states. With a little protection of snow it often survives the winter. A good plan is to lift a few old plants in October and put in a cool house at New Year's. Cut them down a few inches and you will get any amount of soft cuttings, which root readily. To make nice little branching plants for flower gardening there is no place so good as a mild hotbed for the santolina in May. W. S.

TWO NOVELTIES.

I send you herewith two photographs of this year's novelties in pot plants grown at Stertzing's floral establishment, Maplewood, St. Louis county, Mo. The two tall plants in one picture represent the much praised Nicotiana Sanderæ. This plant has certainly not proven its merits in St. Louis and has disappointed the growers. It is two to three feet tall and where it is planted out it branches very profusely, making a large bush covered with flowers, which measure from three-quarters of an inch to one inch in diameter. But through the hot part of the day all the flowers shrivel up, which gives the plant a very bad aspect. The color, too, is not as good as could be desired, varying from a pale purplish-pink to a good crimson-red. This variety seems to be insufficiently fixed, judging from the variation in the color between the different specimens. This plant is not to be recommended for small yards and to use with tender bedding plants, but will do to fill in between tall, hardy perennials or flowering shrubs in borders.

The second picture is an everblooming balsam. The botanical name is Impatiens Holstii. It is a good improvement over the well known Impatiens Sultani. It has a similar growth but differs in the flower peduncle, which bears two to three flowers, instead of one as in I. Sultani. The color is a great deal better, being a rich, brilliant vermilion-red. This plant will prove itself a valuable acquisition for the florist who has a call for good house plants, for which purpose this plant is to be recommended, being most satisfactory in apartments. The picture shows a seedling from the month of March. T. G.



Impatiens Holstii, a Good House Plant.

BUREAU OF PLANT INDUSTRY.

By B. T. Galloway, Chief of Bureau.

[An abstract of an illustrated address delivered before the Society of American Florists at Washington, August 16, 1905.]

The work of the Bureau of Plant Industry covers many different lines, horticulture in its broadest sense being one of the most important. I cannot, of course, in an address of this kind hope to cover more than the main features of our horticultural work. I shall, however, endeavor to review briefly some of the more important problems upon which we are now engaged, or have in the recent past been engaged, problems which will appeal to you as practical men interested in commercial greenhouse and allied work.

Before entering in a general way upon the subject it may not be out of place to call your attention briefly to the progress which is being made in floricultural and horticultural work in this country. Several years ago it was my pleasure to present at a meeting of this society a paper in which I gave in detail statistics showing the growth and development of the floricultural interests in the United States. Since the presentation of that paper we have had very prosperous years, and prosperity has added to the business of the men who grow crops under glass. There have been many improvements in devices, noteworthy additions to our knowledge of greenhouse construction, and noteworthy changes which on the whole have led to the betterment of the profession. I think it may be truly said, furthermore, that there have been quite marked changes in the general attitude of the public respecting the aims and the objects, as well as the work, of such an organization as the Society of American Florists. So far as the work relating to the growing of crops under glass is concerned, I think it may be safely stated that the development within the past five years has been greater than in any similar period in the history of this society, or perhaps in the history of the country.

It is very difficult to collect reliable statistics bearing upon floriculture. We have made attempts to do this from time to time and while we believe reasonable success has accompanied our efforts there is always necessarily a considerable element of doubt, especially when it comes to the proper segregation of the crops grown. There are, however, a few statistical facts in reference to prices which might not be out of place at this time and which are based on reliable figures, that is, figures which are available in the trade journals and which, when studied, show a number of things of interest.

I would like to call your attention first to some figures in reference to the varia-

tion of prices of three of the principal greenhouse crops, namely, roses, carnations, and violets, during the past five years. These figures were obtained by a careful study of the quotations given in the trade journals. Four principal markets were selected, namely, Chicago, Boston, Philadelphia, and New York. The quotations for fancy stock were left out of consideration, it being thought best to consider only medium or average conditions. I shall not take the time here to give these figures in full, but a study of the table reveals the fact that there has been a constant upward tendency in the price of roses from 1900 to the present time.

Average wholesale price per 100 roses, carnations, and violets, 1900 to 1904, inclusive, in the four principal cut flower markets.

Year.	Market.	Roses.	Carnations.	Violets.
1900	Chicago	$4.43	$1.38	$0.79
	Boston	4.99	1.22	.69
	Philadelphia	5.87	1.31	.69
	New York	4.39	1.13	.70
	Average	4.79	1.26	.72
1901	Chicago	4.41	1.62	.75
	Boston	5.78	1.54	.54
	Philadelphia	6.38	1.84	.82
	New York	5.02	1.30	.62
	Average	5.40	1.57	.68
1902	Chicago	5.14	1.80	.97
	Boston	5.58	1.59	.62
	Philadelphia	6.90	1.74	.85
	New York	5.34	1.28	.64
	Average	5.74	1.60	.77
1903	Chicago	6.94	2.60	1.17
	Boston	6.41	2.14	.56
	Philadelphia	10.68	3.29	1.30
	New York	6.34	2.18	.61
	Average	7.09	2.55	.91
1904	Chicago	6.79	2.62	1.18
	Boston	5.73	1.75	.72
	Philadelphia	8.52	3.23	.75
	New York	6.19	2.70	.66
	Average	6.81	2.57	.83
General average		5.97	1.91	.78

It appears from the table that the average price of roses per hundred for each of the past five years was: 1900, $4.79; 1901, $5.40; 1902, $5.74; 1903, $7.09; 1904, $6.81. The average for the five years was $5.97 per hundred.

The average price of carnations was: 1900, $1.25; 1901, $1.57; 1902, $1.60; 1903, $2.55; 1904, $2.57. The average price of carnations for the past five years was $1.91 per hundred.

The average price of violets for each of the past five years was: 1900, 72 cents; 1901, 68 cents; 1902, 77 cents; 1903, 91 cents; 1904, 83 cents. The average for the five years was 78 cents per hundred.

After quoting certain figures to show the immense area now under glass the speaker said:

Passing now to the work of the Bureau of Plant Industry in this great field I will try to give you as briefly as I can a general idea of our facilities for the work, the various lines of investigation that we have under way and the manner in which the work is conducted.

From this point the speaker's address was illustrated with lantern slides. He stated that the object of the illustrations would be to conduct his hearers, figuratively speaking, through the various branches of the Bureau of Plant Industry in order that they might see, as well as photographs could show, the nature of the work being done by the bureau in the interests of floriculture and horticulture, how the work was conducted, and its practical application.

Attention was first called to the grounds of the Department proper, how they were handled, and the efforts that are made to utilize them for object lessons both for the visiting laymen and for those interested directly in various commercial lines. Brief mention was made of the school garden work that is being done under the auspices of the Bureau of Plant Industry.



Nicotiana Sanderae, an Over-rated Novelty.

In describing the facilities which the Department now has for carrying on the work under glass the speaker called attention to the new establishment which has recently been completed by the Lord & Burnham Co. This plant consists of thirteen houses of the most approved construction. In addition to these there are seven or eight houses in other portions of the grounds, and one large conservatory devoted entirely to economic plants and ornamentals. The thirteen houses recently constructed constitute, however, the real working equipment for carrying on the various lines of investigation that are under way. Illustrations of the houses were shown and it was pointed out how certain of them were devoted entirely to the investigation of plant diseases and how others are used for the purpose of developing plants connected with the breeding investigations carried on by George W. Oliver. Some of the houses are used for special collections, such as cacti, and others for the propagation of special plants, such as the mango and mangosteen, and other crops that are being studied with a view to introducing them into the south and other portions of our tropical possessions. The speaker also called attention to a unique feature connected with the heating of these houses, the steam being secured from a large power plant in the neighborhood. He stated that it is hoped ultimately to conduct a series of experiments for the purpose of determining the best methods of handling and paying for steam secured in this way.

Passing from the descriptive matter pertaining to the houses proper to the work which is actually being conducted in them, the speaker called special attention to the work that is being conducted on carnations and roses. The work on carnations this year has to do mainly with testing carnations grown under glass all summer as compared with those grown in the field. Work is also under way having for its object the solution of difficulties relating to selection in the growing of carnations. A system of rigid selection based on a scale of points will be inaugurated the coming year, the object being to determine the practicability of improving some of the more important varieties now in use. Considerable work in the matter of growing new seedling carnations is also being conducted by E. M. Byrnes, and a portion of the house is devoted each year to the new seedlings. Selection for resistance to disease is also a feature of this work.

Attention was next called to the work on roses and violets in the matter of selection, feeding experiments, study of diseases, etc.

One of the special features of the Bureau's work is the autumnal flower exhibition, consisting mainly of chrysanthemums. This work is carried on primarily with a view to encourage a greater interest in horticulture. The chrysanthemum shows conducted every year by the Bureau of Plant Industry and by the Propagating Gardens under the War Department are attended by great numbers of people from the city, and are very popular.

The speaker then passed to the consideration of some of the special diseases under investigation by the bureau. Attention was called to the nematode or root-rot disease of roses and the experiments that have been conducted for the

purpose of preventive treatment. Illustrations were given showing the effect of soil treatment with a weak solution of formalin and it was pointed out that in badly infested beds treatment with a one per cent solution of formalin had been quite successful. Attention was also called to the various diseases of other crops, such as the spot disease of the violet, and methods of prevention; also the bud nematode and the root-knot disease of violets, and other maladies affecting this crop. The bacterial disease of calla lilies was also illustrated. It was shown how this disease affects the flower and the leaf stalks, causing both to rot away. One of the officers of the bureau, Dr. Townsend, has made an investigation of this disease and published a bulletin on the subject, showing how the disease is caused and how it may be prevented. The speaker stated that in a short lecture such as he was giving it was impracticable to go into details, but that publications on the subject of plant diseases can be obtained by addressing the Department.

The speaker stated that the florists would probably be interested, indirectly at least, in the work recently conducted by the bureau in connection with the growing of mushrooms from pure spawn. This work had been inaugurated under Albert F. Woods, in charge of vegetable pathological and physiological investigations, through Dr. B. M. Duggar, formerly a member of the bureau staff but now connected with the Missouri State University. Dr. Duggar's assistant, Mr. Ferguson, has been quite successful in developing methods for the growing of mushrooms from pure spawn. Illustrations were given showing the laboratory methods followed in developing the spawn, how the spawn is specially selected, and it was shown how the same rules which govern the selection of seed from ideal plants can be applied to mushroom culture. Illustrations were also given of the methods of making brick spawn and of mushroom establishments in which the pure spawn is used.

The speaker then took up the work on bulbs, stating that for the past two years the Department has had a bulb garden in which have been tested all the American-grown bulbs that could be obtained, and that some of the American-grown narcissi have proved very satisfactory. He stated that the Emperor is one of the best that have thus far been tried and that the Golden Spur is also very fine. He also mentioned the new Elvira variety, said to be a cross between Narcissus poeticus ornatus and polyanthus varieties, stating that it is perfectly hardy and makes a magnificent cut flower and that it forces well. Last year more than 25,000 bulbs of all kinds were planted in the Department trial grounds. The speaker also mentioned the fact that a unique display of all classes and varieties of gladioli had been planned for this year but that unfortunately the weather conditions had been unfavorable and these efforts had not met with success.

The speaker also stated that the members of the Society of American Florists as well as the American Peony Society would probably be interested in the work of the bureau in the direction of establishing standard variety collections of peony collections. He stated that last year 100 varieties were established on the Arlington Experimental Farm of the Department of Agriculture and that this year 200 varieties have been ordered, so that in a few years the Department will have a very interesting and valuable collection of peony varieties.

Illustrations were given of the bulb plantings of the Department and also of the bulb gardens of the Puget Sound region, and in California, North Carolina and Virginia. All these gardens were visited recently by Mr. Oliver and were found to be doing well. Some of the views of fields of hyacinths and narcissi in full bloom were especially interesting.

The speaker stated that probably most of the florists were more or less familiar with the work that Mr. Oliver is doing on improving the lily, but that it might be well to call attention to this work anew and to point out some of the recent developments. Some important work is now under way in the matter of growing new hybrid lilies. The possibility of growing lilies commercially from seed is believed to have been demonstrated. Illustrations were given showing lilies with ten or twelve flowers grown in fourteen months from seed. Publications of the bureau bearing on the subject were referred to from which those interested could obtain full data.

Another special feature of the work under glass mentioned by the speaker is the attempt to produce new types of lettuce by crossing. This work has been carried on for two years or more with very favorable results. Many successful crosses have been made by Mr. Oliver and the resultant plants are in many cases showing features of considerable promise. More than 6,000 plants were grown the past summer on the Department grounds for the purpose of eliminating by selection certain undesirable qualities of the new types. The object of all this work is to secure types better adapted for growth under glass. The speaker stated that for a number of years he had been interested in lettuce and in growing it had endeavored as accurately as possible to determine the weak points of the different varieties as well as their strong points. With the knowledge acquired in this way certain ideals were formulated and the main object of this work was to see if those ideals could not be secured by bringing together types in which certain of the ideal elements were present. The ideal elements which in the judgment of the speaker were essential were pointed out and discussed. It was stated that further selection work was necessary before seed could be distributed, but as soon as it was ready it would be sent out to those interested in the growing of this crop.

The speaker dwelt at some length on the fact just stated, namely, that the efforts of the Department were wholly in the direction of aiding the florists and horticulturists in every way within its power and that no discrimination whatever would be made in sending out material wherever such material was thought to give promise of value.

Attention was also called to other lines of plant breeding work, mostly conducted by Mr. Oliver. Roses, clematis, and several other ornamental crops were mentioned in this connection.

The speaker concluded his address by referring to some of the newer plants in which the florists and horticulturists are either directly or indirectly interested. Special attention was called to the collection of spineless cacti now being brought together for the purpose of distribution in the west with a view to improving forage conditions. Mention was also made of a number of tropical and semi-tropical plants, such as the mango and mangosteen, which are being grown, propagated and developed under Mr. Oliver's direction with a view to introducing these crops more extensively into Florida. Attention was also called to a number of other new or rare plants which are still under investigation and which it was stated would be disseminated later if they were found to be of value.

Vegetable Forcing.

BEDS FOR LETTUCE.

I am planning to build a greenhouse to be used for vegetable forcing, particularly lettuce, and would like a little information regarding solid beds. My land is quite high, the subsoil, a retentive clay with occasional streaks of sand; the soil a sandy loam, and lies in such a position that, when properly graded, it will not require tile drainage. If I make my solid beds so that the surface will be one foot above the walks, will it be necessary to use cinders for drainage? If so, about how much would you advise?

W. K.

Your location and soil formation are all right for growing lettuce without the use of drainage in any shape or form. It is all the better to raise the beds so that the surface will be one foot above the walks; it makes them much easier to reach. There is no need to use cinders; the lettuce will succeed better without them; they would only obstruct capillary attraction and rob your plants of the advantage of underground moisture. Under certain conditions they might be necessary, but not in your case seeing that your elevation is high enough that your soil can be graded to insure against subterranean water being stagnant near the surface. The nature of your surface soil being sandy, considerable moisture will be lost by evaporation, but the heavy subsoil, being more retentive, will have the advantage of retaining moisture enough to support your plants without the too frequent application of water, and this in the dull, short days of winter you will find to be a great benefit in the prevention of fungus diseases.

W. S. Croydon.

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This crop does well either in raised benches or solid beds, but we prefer the latter, as the soil is warmer and growth rather faster. A bench about six inches deep is about the best, the bottom being open enough to allow of free drainage. The soil should be of a light nature rather than too heavy, and very fresh manure should be avoided. A good sprinkling of well rotted manure well mixed through the soil is beneficial. Later on liquid manure can be applied to sustain the crop when the bench becomes well filled with roots and the soil begins to lose its feeding qualities, or a top-dressing of soil and well rotted manure in equal portions may be given to advantage. To procure the best results the temperature of the house should not run higher than 45 to 50 degrees at night with fire heat. More heat than this is conducive to red spider and green-fly, the two insects that are most liable to prove troublesome, but neither of them is apt to put in appearance unless the atmosphere of the house is kept too warm and too dry. A plentiful supply of water is necessary when the plants are growing freely, but care must of course be used to not overdo it, so that the soil will become heavy and cloggy, or slow growth and yellow foliage will result.

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P. Abele, O. Abele, A. Alost, E. Baker, F. Brocker, P. A. Chopin, F. L. Chopin, F. Collonges, H. M. Derr, G. F. Dubois, H. A. Despommier, M. M. DeLapoyade, C. Ebele, J. Eblen, C. W. Eichling, R. Eichling, H. Ellwell, R. Ellers, F. Faessel, C. Holst, H. Kraack, G. Mahnn, J. A. Newsham, C. R. Panter, H. Papworth, W. Rehm, J. H. Schalk, J. A. Schindler, J. Steckler, R. Steckler, J. St. Mard, C. L. Sieber, R. E. Simons, H. Shenermann, E. Valdejo, J. Vorburgh, U. J. Virgin, C. White, G. M. Wichers, W. C. Wichers, O. Werner, F. Ziegler.

M. M. L.

TROUBLE WITH CHIMNEY.

We have trouble with our chimney. We are on high ground. The chimney is forty-three feet high and twenty-seven inches square on the inside and we have twenty-three feet of grate. Most of the time it makes a very hot fire and the grate gets melting hot, but does not make steam, and at other times the fire seems

purpose of preventive treatment. Illustrations were given showing the effect of soil treatment with a weak solution of formalin and it was pointed out that in badly infested beds treatment with a one per cent solution of formalin had been quite successful. Attention was also called to the various diseases of other crops, such as the spot disease of the violet, and methods of prevention; also the bud nematode and the root-knot disease of violets, and other maladies affecting this crop. The bacterial disease of calla lilies was also illustrated. It was shown how this disease affects the flower and the leaf stalks, causing both to rot away. One of the officers of the bureau, Dr. Townsend, has made an investigation of this disease and published a bulletin on the subject, showing how the disease is caused and how it may be prevented. The speaker stated that in a short lecture such as he was giving it was impracticable to go into details, but that publications on the subject of plant diseases can be obtained by addressing the Department.

The speaker stated that the florists would probably be interested, indirectly at least, in the work recently conducted by the bureau in connection with the growing of mushrooms from pure spawn. This work had been inaugurated under Albert F. Woods, in charge of vegetable pathological and physiological investigations, through Dr. B. M. Duggar, formerly a member of the bureau staff but now connected with the Missouri State University. Dr. Duggar's assistant, Mr. Ferguson, has been quite successful in developing methods for the growing of mushrooms from pure spawn. Illustrations were given showing the laboratory methods followed in developing the spawn, how the spawn is specially selected, and it was shown how the same rules which govern the selection of seed from ideal plants can be applied to mushroom culture. Illustrations were also given of the methods of making brick spawn and of mushroom establishments in which the pure spawn is used.

The speaker then took up the work on bulbs, stating that for the past two years the Department has had a bulb garden in which have been tested all the American-grown bulbs that could be obtained, and that some of the American-grown narcissi have proved very satisfactory. He stated that the Emperor is one of the best that have thus far been tried and that the Golden Spur is also very fine. He also mentioned the new Elvira variety, said to be a cross between Narcissus poeticus ornatus and polyanthus varieties, stating that it is perfectly hardy and makes a magnificent cut flower and that it forces well. Last year more than 25,000 bulbs of all kinds were planted in the Department trial grounds. The speaker also mentioned the fact that a unique display of all classes and varieties of gladioli had been planned for this year but that unfortunately the weather conditions had been unfavorable and these efforts had not met with success.

The speaker also stated that the members of the Society of American Florists as well as the American Peony Society would probably be interested in the work of the bureau in the direction of establishing standard variety collections of peony collections. He stated that last year 100 varieties were established on the Arlington Experimental Farm of the Department of Agriculture and that this year 200 varieties have been ordered, so that in a few years the Department will have a very interesting and valuable collection of peony varieties.

Illustrations were given of the bulb plantings of the Department and also of the bulb gardens of the Puget Sound region, and in California, North Carolina and Virginia. All these gardens were visited recently by Mr. Oliver and were found to be doing well. Some of the views of fields of hyacinths and narcissi in full bloom were especially interesting.

The speaker stated that probably most of the florists were more or less familiar with the work that Mr. Oliver is doing on improving the lily, but that it might be well to call attention to this work anew and to point out some of the recent developments. Some important work is now under way in the matter of growing new hybrid lilies. The possibility of growing lilies commercially from seed is believed to have been demonstrated. Illustrations were given showing lilies with ten or twelve flowers grown in fourteen months from seed. Publications of the bureau bearing on the subject were referred to from which those interested could obtain full data.

Another special feature of the work under glass mentioned by the speaker is the attempt to produce new types of lettuce by crossing. This work has been carried on for two years or more with very favorable results. Many successful crosses have been made by Mr. Oliver and the resultant plants are in many cases showing features of considerable promise. More than 6,000 plants were grown the past summer on the Department grounds for the purpose of eliminating by selection certain undesirable qualities of the new types. The object of all this work is to secure types better adapted for growth under glass. The speaker stated that for a number of years he had been interested in lettuce and in growing it had endeavored as accurately as possible to determine the weak points of the different varieties as well as their strong points. With the knowledge acquired in this way certain ideals were formulated and the main object of this work was to see if those ideals could not be secured by bringing together types in which certain of the ideal elements were present. The ideal elements which in the judgment of the speaker were essential were pointed out and discussed. It was stated that further selection work was necessary before seed could be distributed, but as soon as it was ready it would be sent out to those interested in the growing of this crop.

The speaker dwelt at some length on the fact just stated, namely, that the efforts of the Department were wholly in the direction of aiding the florists and horticulturists in every way within its power and that no discrimination whatever would be made in sending out material wherever such material was thought to give promise of value.

Attention was also called to other lines of plant breeding work, mostly conducted by Mr. Oliver. Roses, clematis, and several other ornamental crops were mentioned in this connection.

The speaker concluded his address by referring to some of the newer plants in which the florists and horticulturists are either directly or indirectly interested. Special attention was called to the collection of spineless cacti now being brought together for the purpose of distribution in the west with a view to improving forage conditions. Mention was also made of a number of tropical and semi tropical plants, such as the mango and mangosteen, which are being grown, propagated and developed under Mr. Oliver's direction with a view to introducing these crops more extensively into Florida. Attention was also called to a number of other new or rare plants which are still under investigation and which it was stated would be disseminated later if they were found to be of value.

Vegetable Forcing.

BEDS FOR LETTUCE.

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M. M. L.

TROUBLE WITH CHIMNEY.

We have trouble with our chimney. We are on high ground. The chimney is forty-three feet high and twenty-six inches square on the inside and we have twenty-three feet of grate. Most of the time it makes a very hot fire and the grate gets melting hot, but does not make steam, and at other times the fire seems

to granulate and will not burn dry pine with the doors closed. We are going to rebuild the chimney. Will you please tell us how large a round chimney should be on the inside? The height is about forty to forty-five feet. E. T. H.

The chimney you have is, if anything a little too large for the grate area—usually a good fault. I would suggest that perhaps your grate bars are too close and that you have been endeavoring to run too heavy, i. e., too deep or thick a fire. If a modification of the grates, by removing one bar and respacing them, does not improve conditions look to the flues; clean them every twenty-four hours, and as a last resort with open grates and clean flues raise the height of the chimney five feet. If the chimney must be rebuilt decrease the area slightly. A chimney twenty-two inches in diameter should be large enough for your purpose. Look up the articles on firing in the Review. L. C. C.

PROPAGATING BEDDERS.

I would like to have some information as to the rooting of cuttings of geraniums, fuchsias, pelargoniums, vincas and petunias. At what temperature should the sand be kept and also at what temperature should the house be kept day and night? When should the cuttings be started to have them in bloom for the spring trade? A. J. R.

Although these are all very familiar plants, there is quite a difference in the method of propagation and to cover the subject properly would take a little book, so I will condense as much as possible.

All kinds of flowering geraniums root from September 1 until frost. No bottom heat is essential and they are just as well potted firmly in 2-inch or 2½-inch pots. Variegated and scented geraniums are better put into sand during September and October, but no bottom heat is necessary. The show pelargonium should be propagated early in September, either in small pots or flats of sand, with no bottom heat.

It is useless to attempt to propagate fuchsias until you can procure young, succulent cuttings from the old plants that have rested in October and November and have been pruned and started in heat. This is usually the end of November or December. These green, tender cuttings root very freely in sand at a temperature of 60 or 65 degrees and the atmosphere at 50 degrees.

Put vincas into sand at the end of September or early in October, with or without bottom heat, and give them lots of water. Discard the very tender tips of the long growths, also the woody growth. Vincas are slow to root in the fall, but will all root in time if kept moist and not allowed to wilt.

You should not bother with petunias unless it be some very choice double varieties. Seed sown in February will produce fine healthy plants, both double and single flowers, and be in bloom from the middle to the end of May. Any plant you wish to propagate cut back now and place some pulverized manure beneath the growths. In three or four weeks you will have young, succulent growths that root freely. They are all the better if you have a slight bottom heat in the sand. W. S.

JAPANESE NOVELTIES.

Among the novelties of Suzuki & Iida, New York and Yokohama, is Aralia cordata, the Japanese udo, a new winter salad—a perennial plant of the order of Araliaceæ, growing wild in hilly regions, also extensively cultivated in farm lands. Its young and tender stalks are eaten as a vegetable in Japan. There are two varieties of udo, called respectively Moyashi or malt-udo and Kan or winter-udo. These, though of similar appearance, are quite differently cultivated. The growing of these forms is an important part of market-gardening; this plant also, when fully grown, forms a splendid ornamental plant five to six feet high, with large compound leaves in bush form.

They also offer Eutrema wasabi, the Japanese horse-radish. There is a fresh sharpness about Japanese wasabi that not even the finest Austrian sorts of horse-radish possess. The color, too, is not generally white, but a delicate shade of green, and, although served in much the same way that horse-radish is served in America, it is quite a different thing. The roots, which are grated to prepare this appetizer, are produced by a plant of the same family as the true horse-radish.

D. G. Fairchild, the agricultural explorer of the U. S. Department of Agriculture, among "finds" in his recent tour in Japan, introduces these plants to the western public's attention, and full descriptions are given in Bulletin No. 42 of that department.

KANSAS CITY.

Looking Backward.

Looking back over thirty years of life as a florist, seeing the gradual growth of the business, until the last ten years, when energy and perseverance have brought the profession up with giant strides, to the position it now holds as one of the recognized professions of the world, how many of us old-timers look back to the days when we struggled from hand to mouth and remember those who used to struggle, when we did, when the city in which we now live was only a village? Some have passed over the Great Divide, but those who are left can get together once in a while and talk over the early days. Such has been the experience of your correspondent, who has had the pleasure of old time reminiscences, of times even before he entered the field. To R. S. Brown and others he is indebted for the following:

When this city was only a village on the banks of the Missouri and the main street was only a few blocks long, an old German gardener named E. Schwanefeldt, planted the first seed in what has since proven a fertile field. With only one small house, close to the river, and no other greenhouse for hundreds of miles, he carried on a thriving business with the new settlers and with those who followed the Santa Fe trail into the far western country. This was about 1858.

As the village gradually grew, L. A. Goodman entered the field and between raising vegetables for the settlers and some few common flowers, was able to do quite a business for early times.

Next came A. D. Adkins, who started up in 1862, and was about the first who made any headway. Then came Geo. Bowsley in 1863, who did not stay very long in business. Those were the days when every man was his own carpenter and when the lumber market was so far away and the freight so excessive that any old lumber was good enough to build with, and what houses they had!

Richard Jarrett came in 1866 and located in what was then the jungles and did a thriving business. Next on the list was D. W. Manning, who built at Twentieth and Broadway in 1868 with corn fields all around him. This place being out of the usual route he changed his place to Fifteenth and Campbell. The town growing in that direction he was forced to move, going to Fifteenth and Euclid, where he stayed until he gave up business. G. Whalen came in 1869, but not knowing much of the business was compelled to abandon it.

Then R. S. Brown started up in 1870 in a very small way, combining gardening with the cultivation of a few flowers until his flower business demanded all of his attention and he gave up gardening. He then went into the wholesale business and became so sucecssful that he became practically the first real florist in the city. He has been thirty-seven years in his present location and is today the oldest living florist in Kansas City, having come here in 1852.

Next on the list was a Mr. Whiting, who started at Thirty-third and Prospect. This place was bought by H. Probst, who in turn gave way to S. Murray, who is still doing business at the same place. In 1881 Mr. Heite started in business at Thirty-second and Holmes, but being crowded out by the building of residences all around him, was forced to tear down and moved to Merriam, Kan., a suburban town, where he is still doing an excellent business.

In 1882 came a Mr. Ingram, who stayed in business but a few years and the property where the greenhouses stood becoming valuable, they were torn down to make room for houses.

Chas. Hampton comes next with a greenhouse on stilts at what is now the junction. This property at that time was an immense gully and in order to bring his houses on a level with the street he was forced to build them on stilts, and for a time did a rushing business, but the march of modern improvements drove him out. The gully was filled up and modern business blocks now occupy the site.

Edward Bunyar came next with a small house on Oak street, where he did a small business until 1887, when he moved to Rosedale, Kan., where, until his death this spring, he was more or less successful.

Mr. Adkins, retiring from business, James Payne took his place at Twelfth and Porter, and did a very successful business until a few years ago, when a severe hailstorm almost ruined him and he was forced to begin life anew. That he made a success goes without saying, as he has today one of the neatest little places here.

After Chas. Hampton moved his greenhouses to Ninth and Brooklyn, A. Barbe took hold of them and although a stranger with but very little capital, became a ward of the goddess of fortune and after moving a couple of times located for good at Fifteenth and Lawndale avenue, where he is still doing an excellent business with one of the most up-to-date establishments in the city.

Following in line comes Charles Heite, who, becoming cramped for room, left the paternal roof and started a business for

himself at Merriam, Kan., where he did a thriving business until about five years ago, when he entered into a partnership with W. L. Rock, and located at Sixty-fifth and Troost avenue, where they have achieved remarkable success and are today among our representative men.

W. J. Barnes comes next in the list, starting in business with a capital of $45 and an unlimited amount of stick-to-it-iveness. He built a lean-to against the south side of his dwelling and by economical expenditures and hard work made for himself a place in the business world and today is the proud possessor of over 10,000 feet of glass, a modern home and a bank balance that makes some of us green with envy.

This, with possibly, one or two exceptions, is the history of the florists' business in this town; a history of hard knocks, of unselfish devotion to the profession in the face of what seemed at that time unsurmountable obstacles; where it became a work of love to educate the people; where fortunes were not made, but where a living was procured, but only by almost superhuman efforts; where the man worked all day and his wife helped to fire at night, struggling to make both ends meet. There are only a few of the old ones left. Brown, Adkins, Manning, Murray, Bridgeland, Heite and Payne are all that are left, the others having gone on before, leaving behind them a memory dear to us and of which we love to speak. And when we gather together in the potting shed we love to call up the days we worked and fought for a living, until today we can look back on our early struggles with a sigh of satisfaction that for us the struggle is over and the path made easier for those who follow.

NARCISSUS.

NEW YORK.

The Market.

"Better, thank you," is the general response when inquiry is made as to the condition of the market. Not with reference to prices, which remain "about the same" as the doctor says of his patient with a slow fever, but as to cleaning up, which was really quite encouraging on Monday, when the evening found the ice-boxes empty. But it was pathetic to see a box of Brides and Maids, over 300 of them, go for $2, and from this may be gathered a fair idea of what the New York wholesale market is in August. But everybody is satisfied and happy, for conditions are exactly as they have been other years at this date and nothing more is expected.

Everybody is comfortable in his clean and redecorated store. The help has had its outing and everybody has a coat of tan. The principals are well rested and for necessary excitement to keep the blood in motion have had Saratoga and now Sheepshead Bay to draw upon. There is really nothing to discourage anybody. Everyone looks healthy and cheerful and all are ready for the best season in our experience.

American Beauties are of a little better quality and abundant. All roses show the symptoms of improvement. Carnations are short-stemmed and scarce. Lilies of all kinds are in full supply. Orchids are few and far between and prices are maintained. Mr. McManus entertained one of his New Orleans customers last week, who was loud in praise of safe shipment to that far away city.

Nobody seems to want dahlias yet. One wholesaler expressed himself concerning them in the old familiar way: "We can't give them away." Some splendid stock of gladioli is in the market and floods of the common kinds. Cosmos has given sweet peas a deserved vacation. The retail windows are full of paniculata. The price seldom goes above $10 per thousand. There seems to be no end of it and every garden in and around New York within a radius of fifty miles is full of it. It is surely the suburbanites' most popular flower and deserves to be.

September, with its school and theater re-openings, will mark the opening of the new season and start the retail wheels in motion. For weeks there has been literally no business in the New York retail stores. Those who migrate to Newport report a boom.

Various Notes.

The fall exhibitions are very near. The seventy-fourth fair of the American Institute will take place at the Berkeley Lyceum, 19 West Forty-fourth street, on September 20 and 21. Many premiums for plants, flowers, fruits and vegetables will be given, while the great exhibition of farm and garden crops and the big chrysanthemum show will be held at the Herald Square exhibition hall October 31 to November 3.

On September 11 the New York Florists' Club opens its fall and winter season. This will be herbaceous plant night and a fine exhibit is anticipated. An invitation is extended to all the members to make displays and Secretary Young will, as usual, take good care of the shipments. Every member of the club is requested to be present. There are many matters of importance to be discussed. The question box will be relieved of its summer accumulation and everyone who was at the Washington convention will relate his experience. Mr. O'Mara will be back from Portland and Mr. Nugent never fails in exceeding what is expected of him in provision for the demands of appetite.

The Clucas & Boddington Co. is sending out hundreds of sample boxes of twenty-five varieties of phlox from their collection of forty, some of recent European introduction. They report a great demand for them. The firm has thirty-five acres at Sparkill now devoted to herbaceous perennials and evergreens.

Fred Atkins, of Bobbink & Atkins, is back from Europe, after a very successful business trip.

Hall and Allen, of the McManus staff, are back from the Catskills.

Mr. and Mrs. Guttman enjoyed a continuance of their convention holiday at Philadelphia and Atlantic City.

N. Lecakes & Co. have a new front in keeping with the palatial wholesale stores of Twenty-eighth street.

Phil Hauswirth and the Poehlmann Brothers voted Ford Bros.' ice-box the finest in the country.

Ed. Winterson and wife made a brief call here on their homeward journey. So did George Asmus and wife and Mrs. Kreitling, all of Chicago, and several other modest westerners who forgot to register, Mr. Valentine, of far away Denver, among them. Many others from the east and north stopped over for a day.

Herbert Greensmith is back from Europe.

Fred S. Peterson has gone to Rochester and will join the office force of Mandeville & King, the seedsmen. Mr. Peterson has been for some years with Wm. Elliott & Sons and before that with Weeber & Don, Landreth and Peter Henderson & Co. He began his career in Edinburgh, with Downie & Land, and was afterwards in the employ of Little & Ballantyne, the largest seed merchants in the north of England. He is an able man, very popular with the gardeners.

Mr. Nash is still shaking hands with himself because of his narrow escape and nursing his bruises. Mrs. Nash will return next week from her summer trip with her daughter in Germany.

Miss Anna Dorrance, of Dorranceton, Pa., left last week for a tour in Great Britain and the continent.

Harry Bunyard is still wrestling with a severe attack of rheumatism and his friends all wish him a speedy recovery.

Wm. H. Gunther has had a happy summer outing with his family at the favorite Jersey resorts. He has increased his store in size and facilities meantime, so he has now one of the largest places in the wholesale district.

All who attended the Washington convention have returned more than delighted with their experiences. There seems to be but perfect and general satisfaction. The grand treatment accorded everybody by the Washington and Baltimore boys will never be forgotten.

Bowe has repainted and brilliantly lighted his store "in the heart of New York" and is ready for a big winter season.

Myer Otherl, of Guttman's, is off on a two weeks' vacation.

A new wholesale firm, Starkey & Kline, has been formed for the sale of plants and will occupy the present store of A. J. Guttman after his removal to 43 West Twenty-eighth street about October 1.

L. Mutinos will on Saturday open a very pretty store at 1274 Broadway. His stand at Twenty-third street was for years a prosperous one and he has advanced into the realm of the bon tons.

J. AUSTIN SHAW.

BOSTON.

The Market.

Sufficient stock continues to come in for requirements, as the demand remains comparatively light. Roses are rather more plentiful. Quite a number of the new crop of Brides and Maids are arriving, but these are mostly small. Prices on tea roses have varied from $1 to $8 per hundred. Beauties are coming of very good quality for the season. Prices remain about the same on these. Some very good Wellesley are now seen at the stores. These sell well. Carnations are decidedly scarce. They have averaged $2 per hundred, some going higher and poor ones lower. Sweet peas are practically done for the season. Asters have sold at better prices, 50 cents per hundred being prevailing prices, some extra fine white and light pink flowers making $1.50. There has only been a fair demand for gladioli. Speciosum lilies from outside are appearing, the white selling best. Dahlias are seen, but are not good sellers in our market.

The Exhibition.

The last of the free weekly prize exhibitions of the season was held on August 26. The exhibits were varied and inter-

esting and filled the main exhibition hall. It being aster day, there was an extensive display of these flowers. For fifty vases in not less than twelve varieties there were seven entries, the successful contestants being Mrs. L. M. Towle, H. B. Watts and Mrs. J. L. Gardner, Wm. Thatcher, gardener, in order named. For thirty varieties herbaceous plants Blue Hill Nurseries won with a splendid assortment.

Harvard Botanic Gardens, Robert Cameron, gardener, staged a very large collection of herbaceous plants, two large tables of asters and one of tuberous begonias. Mrs. E. M. Gill had a general display, W. G. Winsor and A. F. Johnson large collections of dahlias, those from the latter being all seedlings. Blue Hill Nurseries had a fine collection of perennial phloxes. From the Boston park department came a fine collection of viburnums in fruit which proved very attractive. Some of the sorts shown were: V. Opulus (several forms), dentatum, Lentago, Lantana, Sargentii, venosum, dilatatum, cassinoides and pubescens. There were the usual large displays of fruit, vegetables and fungi.

Various Notes.

The annual auction sale of stalls in the Park street flower market took place on August 26 and drew a very large attendance. James F. Carroll officiated as auctioneer. Bidding was remarkably keen and premiums ruled much higher than in 1904. First choice went to Peirce Bros. for $115. William Sim secured two at $90 each. In all nearly 100 stalls were disposed of at a premium of $4,000. This is in addition to a rental of $20 per annum each. The premiums aggregated about double those of a year ago and quite a number of new stallholders have joined the market. Indications are that more floor space will be needed ere long.

Mr. and Mrs. N. F. Comley have returned from a six weeks' visit to relatives in England and report delightful weather and an enjoyable time.

The directors of the Music Hall market anticipate a good sale of stalls at their auction on August 30.

H. H. Rogers, of Sudbury, has been shipping exceptionally fine Semple and Comet asters to the Park street market. These bring $1.50 per hundred.

Fletcher, of Auburndale, finds Physostegia Virginica excellent in design work. He has grown all the newest sweet peas the past season and has sold quite a number of outdoor grown flowers at 60 cents per hundred. His new Easigold chrysanthemum is looking well.

The proposed big exhibition of the S. A. F. in Boston next March is exciting considerable interest. As the Carnation Society meets late in January and the Rose Society joins with the Massachusetts Horticultural Society's spring exhibition in March it looks like almost a plethora of shows unless some amalgamation can be arranged.

T. F. Galvin had a beautiful window of choice nymphæas the past week. In orchids some fine Lælia elegans and Oncidium varicosum Rogersii were noted.

W. N. Craig.

HYDRANGEAS OF GUERNSEY.

Horticultural visitors to the Island of Guernsey at this time of year (and there are many of them) cannot but be struck by the magnificent examples of Hydrangea Hortensia, which abound in all parts of the island. Not only do they luxuriate and reach such proportions as can only be met with at home in the southern countries, but the cœrulean hue of the great masses of bloom, so interesting and sought after by English growers, appears to be the rule.

Looking at them, one almost wonders why the islanders, who appear to export everything they can, even if they go short themselves, do not try to place this bloom upon the markets, where its novelty, apart from its unique coloring, would appeal to sellers and buyers alike. Perhaps the great difficulty would be to preserve its freshness en route.

The "blueness" of the hydrangea has been a theme of discussion time and again in the horticultural press, so I do not intend to discuss it now. I only record the fact that nearly all the hydrangeas in the island are of that most desirable hue, and that fact should perhaps be of assistance to those who wish to penetrate the cause of that blueness. The soil is mostly disintegrated granite; the sea breezes sweep over every perch of land, and somewhere among these conditions those causes must be sought.—Horticultural Advertiser.

BOUVARDIAS IN SUMMER.

Some years ago, when small neat flowers were far more appreciated for sprays, buttonholes and similar purposes than they are now, I used, when all danger from frosts was over, to plant out the old bouvardias in a sheltered part of the reserve garden, where, supplied with water, they could always be depended upon to keep up a succession of their charming flowers throughout the summer. These came in no great quantity it is true, but a useful picking could always be obtained. I was, however, greatly surprised to see such neat, grandly flowered plants of several varieties in an exhibit at the recent Chelsea show, the plants being as fresh and full of bloom as we are accustomed to see them some two or three months later.

The following were the most prominent of the varieties shown: Humboldtii corymbiflora, which has always been earlier in flowering than the others, its long-tubed, pure white, highly fragrant flowers being much admired; Priory Beauty, a rather pleasing shade of pink; The Bride, a rather small, pure white flower; President Cleveland, bright dazzling scarlet, a good grower, and decidedly the best of its color. The above are all single-flowered varieties, but the following two doubles were equally fine: President Garfield, light pink; and Alfred Neuner, pure white. Apart from its beauty, this last is of especial interest as it was the first double-flowered bouvardia in cultivation, having been sent to England from the United States, where it originated as a sport about twenty-five years ago.—Gardeners' Magazine.

KANSAS CITY.

The Market.

Very encouraging reports are made in the city and vicinity as to the state of trade. The weather is considerably cooler and the change brings with it a corresponding increase in business. Some of the stores have had very large funeral orders. The past week has eclipsed the corresponding week of last year in the amount of sales, with prices much better. Roses are coming in much better and prices have advanced a trifle. Carnations are still "out of sight." Asters were in good demand, owing to their adaptability for funeral work. The demand for such outdoor flowers as gladioli, tritomas, rudbeckias, etc., has fallen off considerably and very little business is expected in that line from now on.

Various Notes.

The florists of Kansas City organized a bowling club and held their first meeting last Tuesday evening at Geo. M. Kellogg's. The following officers were elected: Lawrence Schwager, president; Ed Ellsworth, secretary; F. Fromhold, treasurer. A contract was made with the Royal alleys for the first and third Tuesday nights in each month. Geo. M. Kellogg has donated a silver cup valued at $50 to be competed for the week of the flower show and other firms have signified their intention of donating prizes of equal value to be competed for by the florists visiting the show. An effort will be made to interest the ladies so that they, too, will come in for a share of the good things.

A new firm has started in business here, at 403 E. Fifteenth street, under the firm name of De Nys & Co. They will carry a full line of cut flowers and plants.

Miss Alma Beeler, with Geo. M. Kellogg, returned the last of the week from a two weeks' vacation.

Miss J. E. Murray has made quite a change in her store. The decorators took charge some days ago and a decided improvement is seen. Miss Murray reports business as very fair the past week.

W. L. Morris, of Des Moines, Ia., was a visitor here last week and took part in the bowling with the boys Tuesday night.

Lawrence Schwager has purchased as fine a lot of kentias as has been seen here for some time. He has become an enthusiastic bowler and the visiting brothers must look out when they go up against him.

Ed Ellsworth has taken to attending weddings these days. What with his duties as secretary for the club, and his practice for the championship cup, coupled with his increasing business, he is on the jump.

The report from that genial, all-round good fellow, Arthur Newell, is that the past week's business has been the best for this time of the year he has had in years. A call at his store is one of the pleasures of a visit to Kansas City.

Arnold Ringier, of the W. W. Barnard Co., Chicago, blew into this city last week on his rounds and all the boys were glad, for when he comes he brings a lot of new yarns and gives the boys something to think of until he comes again.

Other visitors were Mr. Weppner, of the Geo. Wittbold Co., Chicago, and E. D. Sifert, of Dayton, O. Narcissus.

White Marsh, Md.—R. Vincent, Jr., & Son are putting an addition to their extensive plant by the erection of a new office and packing house 30x210 feet, four stories high, the first floor or base-basement to be used for storage of dahlias, etc. It also will contain an electric plant. The second floor is for offices and the packing department, the two upper floors for storage of boxes, baskets, etc. There will be elevator and all other modern conveniences.

ASTERS In Any Quantity and Fine Quality

Extra Fancy ═══ Fancy ═══ Common

$2.00 a 100 $1.00 to $1.50 a 100 $4.00 to $5.00 a 1000

The new season is at hand and we are, and shall be continually, able to supply the best stock the market affords—Beauties, Tea Roses, Carnations and all stock in season. We are headquarters for "Green Goods;" an inexhaustible supply of Asparagus, Smilax, Adiantum, Galax, Leucothoe and Ferns.

We want your business now and all through the season.

Fancy Valley always on hand

DEPARTMENT OF MADE-UP WORK.

While trade is quiet and you do not wish to carry much stock you can rely on our Department of Made-Up Work. We are prepared to execute orders for any kind of funeral piece, from the cheapest to the most expensive. Usual trade discount allowed.

AMERICAN BEAUTY.	Per doz.
36-40-inch stem	$4.00
24-30-inch stem	3.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem, per 100, $4.00 to $6.00	

	Per 100
Brides, Bridesmaids	$2.00 to $ 5.00
Kaiserin	3.00 to 8.00
Chatenay	3.00 to 6.00
Golden Gate	3.00 to 6.00
Liberty	3.00 to 8.00
Carnations	1.50 to 2.00
Asters	1.00 to 2.00
" common..1000, $4.00-$5.00	
Valley	4.00
Auratums.....per doz., $1.50	10.00
Easter Lilies.....per doz., 1.50	
Gladioli	1.00 to 2.00
" fancy varieties	3.00 to 6.00
Shasta Daisies	.50 to 1.00
Asparagus, per string, 25c to 50c	
Asparagus Sprengeri	2.00 to 4.00
Galax, bronze.....per 1000, $1.25	.15
" green, new crop, " 1.00	.15
Adiantum	.75
Leucothoe Sprays	.75
Smilax..... per doz., $1.50	10.00
Fancy Ferns.....per 1000, $1.00	.15

Subject to change without notice.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

Beginning Sept. 5 open till 6 P. M. **32-34-36 Randolph St.** Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic. **Chicago, Ill.**

CHICAGO.

The Market.

There has been little change in market conditions in the past week. This is fortunate, for whatever change there has been was for the worse. The weather has continued quite warm and it has had the result of making the stock retrograde in quality.

The supplies of Beauties are above normal for the season, but prices are satisfactory, for the stock averages of very good quality. Kaiserin is the leader on the small roses, but a number of growers are now cutting Brides and Bridesmaids of very fair size and stem for so early in the season and it looks as though the plants were in shape to give very good results this fall. Liberty is in fair supply and also Chatenay, but the latter is not a hot weather rose. A few good Meteors are seen. Good roses are selling well but it is next to impossible to do anything with the large proportion of short, soft flowers.

There are few carnations in the market and none are of what could be called better than fair quality. The many rains have injured the outdoor blooms and no one is cutting anything to speak of under glass. But the absence of the carnation is not deeply felt, because of the large receipts of asters, some of which are of splendid quality. While the receipts are more than the market can consume, and averages are not high, the best asters are selling up to $3 and occasionally $4 per hundred. Many growers report that the carnation plants are soft and small and are not likely to produce early crops of good quality. The late asters should be very good property.

Gladioli continue in very large supply. A few sweet peas are again seen. Lilies are still plentiful and garden flowers of all seasonable kinds are to be had at cheap prices. Retail business consists largely of funeral work and for this purpose the outdoor flowers are not wanted. A few Tritoma Pfitzeri are received and make attractive window displays.

Handling Roses.

When a Chicagoan goes away from home it is his practice to boom his town. Chicago had many boomers at the convention, but one of them encountered a set-back when he tried to tell a leading retailer inside the Chicago shipping radius that he ought to buy his roses in this city. The retailer said that the Chicago stock reached him so badly bruised by careless handling that he could not use it for good trade and that the past season he bought most of his stock from a Canadian grower and paid a duty of twenty-five percent, making it cost more than the best stock from Chicago. He ventured the opinion that the careless handling is not in the wholesale houses, but on the part of the growers themselves. They do not seem to appreciate the importance of handling good stock well and packing it so that it will retain its freshness. This is a point not difficult to remedy and every wholesaler and every grower should give it his attention.

Death of George Piepgras.

George Piepgras died at Mercy hospital August 21, of Bright's disease. He was forty-two years of age and a well known figure in the wholesale market, having at one time been engaged in the commission business on his own account. Lately he had been employed by the Benthey-Coatsworth Co. and by J. B. Deamud. He left a wife and a large family of children.

Various Notes.

Monday, September 4, is Labor day and there will be but one mail delivery. Those sending orders to this market should wire unless they can post the letter to reach Chicago by 7 a. m. that day.

C. L. Washburn and son are on their annual fishing expedition in Wisconsin. They expect to return about September 15.

John Degnan, of the E. F. Winterson Co., is back at his desk after several days spent at home suffering with a poisoning in his face. Mrs. L. H. Winterson is convalescing from an attack of typhoid fever.

Paul Beyer has returned from a visit in New York. He will henceforth be located at South Bend, Ind., his old home.

E. C. Amling has spent a few days visiting growers and others north of town as far as Milwaukee. He reports that in some places the carnation plants are above usual condition at this season but that in other places the stock is small and soft because of so much rain.

E. E. Pieser, of the Kennicott Bros. Co., is in Canada, and expects to be absent until September 15.

Kroeschell Bros. Co. report a very good season but with orders rather later than usual in coming in. Fred Lauten-

Peony Roots

We have for sale a quantity of Peony Roots of a white variety such as we have found by long experience to be the best for growing for cut flowers for market. If you want the right thing to grow, write us about these. : : : :

On wire work we can discount our own or any other list. Get our prices.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph Street, CHICAGO.

PRICE LIST

AMERICAN BEAUTIES—	**Per doz.**
Long	$4.00
Fair length	$2.00 to 3.00
	Per 100
Brides	$3.00 to $5.00
Bridesmaids	3.00 to 5.00
Liberty	3.00 to 7.00
Kaiserin	3.00 to 7.00
Golden Gate	3.00 to 5.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Gladioli, common	1.50
" light colors	2.00 to 3.00
Auratum Lilies...doz., $1.00-$1.50	
Valley, our specialty, best	4.00
Daisies	1.00
Smilax....per doz., $1.50	10.00
Adiantum	.75
Sprengeri	2.00 to 4.00
Asparagus..per string, 25c to 50c	
Galax.....$1.00 to $1.50 per 1000	.15
Common Ferns.....per 1000, $1.50	.20

Subject to change without notice.

Packing and delivery at cost.

schlager is on the road for them and is now in the east.

Fred Dietsch, Louis Wittbold and D. D. English returned from the convention on the morning of August 23. At South Chicago the engine of their train went into a ditch and they received quite a shaking-up.

Chas. M. Balluff is now at Oshkosh, Wis.

There have been a number of returning conventionites and others in town this week. J. A. Valentine and B. S. Gillis passed through last Friday. Mr. Valentine will proceed to the Pacific coast, where he will meet Mrs. Valentine and go to the Portland exposition. Other visitors were M. Stauch, foreman for J. F. Wilcox, Council Bluffs, and Mr. and Mrs. F. C. Smith, of Ashland, Wis.; Mr. Karsten, of Chattanooga, returning from the Pacific coast; Wm. F. Gude, Washington, D. C., en route to Colorado. Mr. Gude received many congratulations on the success of the convention.

Weiland & Risch are cutting some very good Brides, stems two feet long. They say that Killarney has caught on, the retailers placing orders days in advance.

Miss Nell M. Sisler, of E. H. Hunt's, has returned from a two weeks' trip to the Yellowstone. J. Q. A. Turnbull, one of Hunt's road force, has been in court to recover a valuable collie recently stolen from him and was successful. Wm. Abrahamson, long in the store, is just back from his first trip for Hunt and brought some nice orders.

The Growers' Market has been nicely repapered and repainted and put in shape for the new season. John Kruchten has rented three stands at the market and will sell the cut of his father and others.

J. A. Budlong's Maids continue of exceptional color in spite of the several very hot days the past week.

On August 29 fire destroyed the building at South Chicago in which the store of M. Tredup was located.

The market is full of the Benthey aster.

Minneapolis, Minn.—The Wm. Donaldson Co. is building another greenhouse at Park avenue and Thirty-fifth street.

ST. LOUIS.

The Market.

Back in dear old St. Louis, after spending ten days in and around Washington, the convention city, we find all the cut flower trade in about the same condition as when we left it. Trade is very dull, with only funeral work to depend upon. In a visit to the wholesale houses we find that stock is still quite plentiful and of fair quality, with prices about as we left them. Among roses we find good lots of Kaiserin and Meteor, which sell well. Brides and Maids are yet small in flower and stem. These sell well to work up in funeral designs. There are fairly good Beauties, of which the medium length stems sell the best. Fancy long are always in demand. Carnations are very poor in all varieties and show the effects of the hot weather. The bulk of them are from the field.

Valley is very good, but slow in demand. Auratum lilies, tuberose stalks, hydrangeas and gladioli are still abundant; so are asters, but they sell better, especially the white, which clean up pretty well each day of late.

In speaking to some of our local growers they say that it will be but a short time when better quality of stock will be in the market. The young rose and carnation stock has made a fine growth and is promising well for first-class early blooms and everyone hopes that they will be in before the chrysanthemums, which always put other stock on the shelf for the time being. Chrysanthemum plants, too, are in the best of shape, and, from the looks of things, some fine blooms will be cut here this fall.

Various Notes.

Now that the twenty-first annual convention of the Society of American Florists has passed into history, and most of the local tradesmen have returned, I know that they are with me in expressing our thanks to the Washington brothers for the royal time we had while in their city, not forgetting the brothers from Baltimore and Philadelphia. The bowlers, too, are loud in their praise as to the bowling management. We did not do well as a team, but bagged the three highest games ever bowled in an S. A. F. tournament. The single high score of 240, by Deacon Harris, of Philadelphia, at St. Louis, in 1893, still stands as a record. Philadelphia first, Detroit last, but then Brothers Breitmeyer and Sullivan can content themselves by the old saying, "It's all right to be on top, but it's the bottom dollar that counts." Chicago's vest-pocket prize looked good to the boys, but then Brother Altick promises us fine alleys next year at Dayton, and we will all meet again for a good time, when we all hope for better luck.

The many St. Louis friends of President-elect Wm. F. Kasting are much pleased with his election to the highest honors that can be bestowed on any member of our society. "Billy," as he is better known, was formerly a resident of our city, back in the eighties, and we all know that he will make good anything he undertakes. Through his efforts we can safely look forward to a large attendance at Dayton next year. The bowlers, too, will be well looked after, as "Billy" is president of that body as well.

The next meeting of the Florists' Club will be held on Thursday afternoon, September 14. This meeting will take place at J. H. Weber & Sons' nursery in Gardenville. All members, with their ladies, are invited to attend. Some very important matters will come up. One of the features will be the installation of the newly elected officers, for which elaborate preparations have been made. Short talks from the convention delegates will also be heard.

On Saturday a runaway horse dashed into the store of Mrs. M. M. Ayers, on Grand avenue, demolishing the plate glass windows and a number of valuable plants.

Charlie Kuehn, with Mrs. Kuehn and two children, is in Detroit, visiting the old folks.

J. W. Pilcher, of Pilcher & Burrows, florists' supply brokers, St. Louis, is spending a week in New York City in the interest of his firm. This was Mr. Pilcher's first convention away from home, and the good business licks he put in while at Washington make him say he will never miss one from now on.

Don't Hesitate

There is no reason why we should not have your business except that you hesitate to give us the first order.

We know that you will never hesitate after that. Make up your mind now. But try us on your next lot, large or small. The quality of goods that you get, the way your order is handled—will convince you that this is the right place.

Weiland & Risch

Leading Western Growers and Shippers of Cut Flowers

61 Wabash Ave., CHICAGO

Long Distance Phone, Central 879.

	Per Doz.
AMERICAN BEAUTIES—	
30-inch stems	$3.00
24 " "	2.50
18 " "	1.75
12 " "	1.00
Short "	.60
ROSES—	Per 100.
Maids	$2.00 to $5.00
Brides	2.00 to 5.00
Killarney	4.00 to 8.00
Liberty	3.00 to 6.00
Golden Gate	3.00 to 6.00
Chatenay	3.00 to 6.00
CARNATIONS—	
Fair Stock	1.00 to 2.00
MISCELLANEOUS STOCK—	
Valley	4.00
Auratum Lilies	12.00 to 15.00
Easter Lilies	12.00 to 15.00
Asters	.75 to 2.00
Daisies	.50 to 1.00
Gladiolus	2.00 to 4.00
Tuberoses	5.00 to 6.00
DECORATIVE—	
Ferns	.15
Sprengeri	2.00 to 4.00
Asparagus Strings	25.00 to 50.00
Adiantum	.75 to 1.00
Galax	.15
Smilax	10.00 to 12.00

Subject to change without notice.

The trustees who have charge of the fall flower show will meet this week at Weber's. A full attendance can now be had, as Messrs. Weber and Miller have returned from Europe. Mr. Weber reports that the hall is a very fine one, not so large, but beautifully decorated, and that they expect a great show and a successful one.

The big social bowling night to be given by the St. Louis Florists' Bowling Club in honor of Messrs. Weber and Miller, also the De Soto bowlers, will take place at the Palace alleys next Monday night. Invitations will be sent out this week. A large attendance is expected. A match of three games will be rolled with the De Soto boys, the same team that visited us early in the season.

Lewis R. Allen, who is proprietor of the Murphysboro Greenhouses, was in the city last week, making friendly calls on the trade. J. J. B.

DETROIT.

The Market.

Although August is generally a very dull month with the florists, this year seems to be an exception. There has been plenty of good funeral work, also a number of weddings, just enough to keep the ball rolling. With the exception of good white, asters are plentiful. There are lots of roses to be had, but mostly shorts. Beauties are simply fierce. La Detroit seems to be a fine summer rose and is in good demand. Carnations are still very poor, the best being worth only $1 per hundred. The best roses are selling for $5 per hundred, while asters are averaging $1. With the approach of Labor day, there is hope that the colored asters will be cleaned up, as a great many are generally used for buttonieres. Smilax seems rather scarce. Fancy ferns are to be had by the thousands. Let us hope for a greater supply next March and April than we had this year.

Convention Echoes.

With the exception of the two Sullivans, the Detroit delegation has returned. Wm. Dilger, Walter Taepke, Albert Bemb and B. Schroeter, Jr., returned Saturday. They are all highly elated with the two weeks' outing at Washington and thereabouts. A number of the boys put in a week in New York. Wm. Dilger took a run over to Boston.

Albert Bemb thinks they ought to have more whitewash on the glass over the beach at Atlantic City. The whole "bunch" has a bright red tan.

Thomas Browne says sleeping in a cellar isn't just what it is cracked up to be, especially with a bunch of Detroit florists' kids.

Anyone who thinks he missed any sight in Washington can get a photograph of the spot from B. Schroeter, Jr. He brought everything home in his camera.

Various Notes.

A visit to Frank Holznagle's place showed everything in the pink of condition as usual. Mr. Holznagle has just returned from a trip to Montreal, by way of the Thousand Islands.

Painters have been busy at Wm. Brown's store.

Mrs. J. F. Sullivan has been a very busy woman the past two weeks, with the two menfolks away.

B. Schroeter is having the steam heating service installed in his store and show house. This new heating system is meeting with great favor in Detroit.

The black aster bug, or beetle, is doing a great deal of damage in Detroit and vicinity, ruining thousands of asters.

Fred Pantke, of Grosse Pointe Farms, would like a suitable name for a new sport in the shape of a ten-pound girl. Pass the cigars, Fred, and everyone will make a suggestion.

John C. Smith, of Wyandotte, is putting up a handsome new greenhouse and store, the finest in the west, so he says.

Gus Knoch, of Woodmere, is also getting in line with a $6,000 dwelling and store, built mainly of cement blocks.

Work on the Breitmeyer building is progressing rapidly. Miami avenue has been widened five feet on each side and, after being repaved with asphalt, it will be an ideal florists' rendezvous.

Gladioli, asters and Hydrangea paniculata constitute the decorations in most of the store windows.

"Every bud is a flower" is the countersign at the Michigan Cut Flower Exchange. This applies particularly to the La Detroit rose, which is in pink what Kaiserin is in white.

Chas. Warncke has added a fine touring car to his list of vehicles. He is at the "Michigan Cut" bright and early every morning.

P. F. Reuss, formerly at Schroeter's, has engaged in the cut fern business, locating in Johannesburg, Mich. Being in Mr. Schroeter's store over seven years, he ought to know good ferns when he sees them.

Carnation plants are looking fine in Detroit and vicinity.

Leopold Oesternei, of Siebrecht & Son, New York, reports business very good in Richmond, Va., Pittsburg and Buffalo. He is in Detroit at the present writing. Other visitors were Wm. Griesinger, Chicago; J. A. Valentine and B. S. Gillis, Denver; A. L. Barnett, New York. H. S.

IOWA FLORISTS MEET.

The Perry Florists' Association held a recent meeting at the home of W. T. Symonds, Decorah, Ia. Those present were Mr. and Mrs. A. N. Kinsman, Mr. and Mrs. W. J. Springer, P. Clawsen, N. B. Perry, Bernice Perry and M. H. Wetherbee. On motion, W. J. Springer was chosen temporary secretary. The following resolutions were unanimously adopted:

Whereas, Divine Providence has taken from us our sister and friend, Mrs. W. B. Perry; and

Whereas, We fully recognize her goodness of heart, worth, genial and happy disposition; therefore be it

Resolved, That while we deplore her loss, yet we bow to the Divine decree, and tender to the bereaved husband and family our sincerest sympathy in this their hour of affliction. It is further

Resolved, That a copy of this resolution be given to the family and spread upon the records of this society and published in the local paper.

On motion the society on invitation decided to hold its next meeting at the home of A. N. Kinsman, of Austin, Minn.

BROOKLYN, OHIO.—M. Bloy, formerly of Buffalo, but for the past two years with the Essex Greenhouse Co., North Olmsted, O., is now with the Ohio Floral Co.

CALDWELL, KAN.—Geo. H. Yantz is enlarging his plant to double its present size.

WE could not get along without the REVIEW; we find it the best advertising medium extant.—RAY H. PALMER, Randolph, N. Y.

WE ARE FULL GROWN! --- WE NEED NO BOYS!

THE FLORISTS' SUPPLY HOUSE OF AMERICA

H. Bayersdorfer & Co.

Offer two SUPERB NOVELTIES that have received hearty commendation from all who have seen them.

ANTIQUE POMPEIAN Toneware Vases OF CHASTE AND GRACEFUL DESIGNS

Flowered, Pleated and Embossed CREPE PAPER

IN A VARIETY OF BEAUTIFUL STYLES, IN ALL THE MOST PLEASING SHADES OF COLOR.
ORDER NOW. THESE ARE RARE, GOOD THINGS.

FOR EVERYTHING IN FLORISTS' SUPPLIES address

H. Bayersdorfer & Co., 50, 52, 54, 56 No. Fourth St., PHILADELPHIA

PHILADELPHIA.

The Market.

The cut flower market shows but little change this week. Sales are fair, at figures ranging lower than the listed prices. Pink and white roses of medium and lower grade are particularly hard to sell. Beauties are in fair demand and quite plentiful. Asters and gladioli form the bulk of the stock of showier flowers, with dahlias increasing and not yet very popular. Good lily of the valley is in demand, but there is a good deal of rather poor stock just now. Hydrangeas are very plentiful. There is a fair demand for the restricted quantity of "green" that is coming into the market.

Various Notes.

Through an unfortunate error in transmission the new "toneware" mentioned in this column last week was totally changed in appearance by the prefixing of an "s."

Charles H. Fox will move The Rosery, formerly located at Broad and Sansom streets, to Broad street, just below Walnut. Mr. Fox will have a new two-story building 23x41 feet designed in old English style. John N. Gill & Co. have commenced work on the new structure.

A ripple of excitement was created by the announcement last week, made exclusively in the Review, that W. E. McKissick would open a new commission house next Monday. A visit to his place of business found preparations actively going on under charge of Howard McKissick. The ice-box is already installed in what will be, when complete, a very light, cheerful place of business.

B. Starkey, bookkeeper for Pennock Bros., will be married next Tuesday. His many friends wish him happiness.

M. Rice & Co. were kept very busy waiting on convention visitors who did not get time to place their orders while in Washington. Some days they had all they could handle. They received a shipment of eighty cases of new goods of high class novelties from abroad last week, which they were busy opening.

Eugene Bernheimer has just returned from a week spent among the growers at Kennett and Oxford.

Edward Reid sailed on the Allegheny last Tuesday for Savannah, Ga.

M. F. La Roche, formerly wholesale commission florist and grower, is now in the automobile business.

Berger Bros. are installed in their roomy quarters at 1235 and 1237 Filbert street.

The Review is indebted to B. Eschner, of M. Rice & Co., for the following names of some of the visitors who were in Philadelphia: Mr. and Mrs. Kalisch, St. Louis; Mr. and Mrs. Walter Coles, Kokomo, Ind.; Mr. and Mrs. Fred Gear, Cincinnati; Mrs. D. A. Gorman, Williamsport, Pa.

It is said that should all the copies of the Blue Book be destroyed, Charles W. Kahlert could readily rewrite that volume.

The H. F. Michell Co. has been very busy, chiefly with French bulbs. Their orders for Paper Whites are exceptionally heavy. H. F. Michell has just returned from a brief respite at the shore.

John McIntyre has been rusticating at Newtown Square.

The victory of S. S. Skidelsky over twenty-two competitors in the prize essay on the Ideal Employer has proved a popular one.

Edward Reid was high score man with twenty-four out of a possible twenty-five clay pigeons in a shooting contest at Lansdale a few days ago.

George Anderson won a handsome trophy in the shooting contest at Washington.

The new stores of Frank Polites and R. A. Stewart are scheduled to open this week.

Clarence J. Watson and Edward J. Fancourt are actively caring for S. S. Pennock's interests during the latter's vacation. Phil.

BUFFALO.

Various Jottings.

The convention seems scarcely over, for the stragglers are still passing north. George Asmus is in town after a week at Saratoga. President-elect Kasting reached home Saturday. He spent a week at Atlantic City to cool off after his successful campaign. We have had a good many callers the past week. One of the Messrs. Schloss Bros., of New York; Mr. Henry, a Siebrecht representative; H. G. Berning, of St. Louis; and Fred Holznagle, of Detroit, returning from a trip through the Thousand Islands, which he describes as sublime.

The principal flowers of the day are gladioli and asters, but the new crop of carnations and roses is seen in small quantities. Maids, MacArthur and Morgan of fair quality are coming from Corfu, but the principal demand is for moderate-priced Beauties.

Wm. F. Holmes has resigned his position with Miss R. Rebstock and accepted a position in the store of the William Donaldson Co., of Minneapolis.

There has been, after all, considerable building in this locality. The Werick Bros., of Pine Ridge, have had the King Construction Co. erect six carnation houses, each 26x125. C. F. Christenson has finished two rose houses, 20x150. W. J. Palmer has added to his already big place a house 40x240 and Byrne Bros. have erected two more fine houses adapted to carnations, so there is faith generally that there is room for more.

Charles Sandiford has returned from his short trip to England and now is likely to begin the erection of a block of houses for the pleasure of his liberal employer, J. J. Albright.

At Philadelphia.

On a visit to Philadelphia on Saturday after the convention, we visited some old friends. We called on Edwin Lonsdale, at Girard College, but missed Edwin. We saw what an immense institution this is and what an extent of ground the college covers, noticed the excellent condition of the grounds and some fine flower gardening and particularly grand croton beds. That we cannot do in the north.

It was a great pleasure to call at Forty-ninth and Market, where we found the veteran, Mr. Craig, in his shirtsleeves and hustling. Now, it would take too long to mention all the well-grown and useful crops to be seen there. Principal among them we noticed thousands of wonderful cyclamens in 6-inch pots, houses of Begonia Lorraine of all sizes, houses of gardenias planted out for cutting, several houses of Nephrolepis Scottii, a house of well colored Dracæna terminalis, the usual wonderful lot of crotons and a house of Ficus pandurata. This is a very striking plant with leaves of sheet iron and there is many a place where it will be wanted. Outside in frames nothing struck me as more well done than a big lot of Bougainvillea Sanderiana, dwarf and compact and as round as a parasol. There were several thousand hydrangeas in 6-inch pots with strong growths. Of course there is the usual stock of kentias and arecas, but the whole place has a business look which shows that some old-time vim has been injected into the work and I was rejoiced to see it. The only trouble was, I wished all my boys could see these houses and their contents. W. S.

A. L. Randall Co.
WHOLESALE FLORISTS
19-21 Randolph St. CHICAGO

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED — By a rose grower, understands the growing of all kinds of roses, also carnations, mums and potted plants; good references. Address No. **106**, care Florists' Review, Chicago.

SITUATION WANTED—First-class grower of roses, carnations, mums, violets and general line of bedding plants, wants position where nothing else but A 1 stuff is wanted; state wages in first letter. Address No. **100**, care Florists' Review, Chicago.

SITUATION WANTED—As florist and gardener on a private place or in a small commercial place, the former preferred; am capable, honest and sober and have had 20 years' experience; good references; will be at liberty Sept. 15. Address No. **105**, care Florists' Review, Chicago.

SITUATION WANTED — By good grower of roses, carnations, mums, pot plants, lilies, ferns, tulips and general line of stock; also up-to-date designer; able to take charge; permanent; commercial or private; with or without board; state wages in first letter if convenient; prefer in vicinity of Chicago or west. Address No. **99**, care Florists' Review, Chicago.

WANTED—About 200 second-hand sash; must be in good condition. Address No. **103**, care Florists' Review, Chicago.

WANTED—To correspond with a working florist who has some money to invest. Thos. W. Long, Charlotte, N. C.

WANTED—500 feet 4-inch cast-iron hot water pipe; state lowest price. Address Fugleberg & Flister, Box 205, Oshkosh, Wis.

WANTED—A rose grower and a carnation grower for the west; must be first-class men. Address No. **76**, care Florists' Review, Chicago.

WANTED—A first-class grower of carnations, mums and potted plants for commercial place in Chicago. Address No. **93**, care Florists' Review, Chicago.

WANTED—A wide-awake salesman to take charge of wagon route with wholesale florist. Eugene Bernheimer, 11 South 16th Street, Philadelphia, Pa.

WANTED—Florist to grow carnations, mums and pot plants; one who wants a steady place; married man; by Oct. 1. Address No. **102**, care Florists' Review, Chicago.

WANTED—Partner florist and gardener with some capital; good chance for a good man; located just across the river from Detroit. Sandwich Floral Co., Sandwich, Ont.

WANTED—Man acquainted with retail mail order plant trade; who can invest a few hundred in a good business and take charge of same. Box 65, Fruitdale, Alabama.

WANTED—One second-hand No. 16 or 17 Hitchings hot water boiler; must be cheap and in first-class condition; quote price at once. Emma R. Ogborn, Knightstown, Ind.

WANTED—Retail salesman and cut flower worker; must be competent, good character and strictly sober; permanent place and good wages. W. H. Culp & Co., Wichita, Kan.

WANTED—A married man with a knowlepge of roses, carnations, etc.; must be temperate and progressive; a good position open. Address No. **104**, care Florists' Review, Chicago.

WANTED—To rent, greenhouse; from 5000 to 10,000 feet glass with good heating apparatus; without stock; state particulars. Address F. Aldrich, 303 So. Franklin St., South Bend, Ind.

WANTED—Competent man to take full charge of established retail business; must be reliable and trustworthy; age 25 to 35 years. Charles H. Fox, 21st and Columbia Avenue, Philadelphia.

WANTED—Experienced young man in the seed business in a western town; one who reads and writes German preferred; give age, experience, etc. Address No. **101**, care Florists' Review, Chicago.

WANTED—Young man well up in the retail business, both in greenhouse and store; state wages with room and board and give references and experience in first letter. Address No. **87**, care Florists' Review, Chicago.

WANTED — A successful rose propagator as assistant; first-class references required; young married man preferred; good chance for advancement for right man who is not afraid to work. Chase Rose Co., Riverside, Cal.

WANTED—Gentleman who can take entire charge of a retail seed store; state age, whether man of family, nationality, amount of experience and former employers; salary capable of earning. Address No. **97**, care Florists' Review, Chicago.

WANTED—I have an established trade that calls for more and better stock than my present glass can supply and I want a good all-round grower to take a financial interest in the business so that it can be enlarged to meet the requirements. The greenhouses are located in a thriving town of 13,000 and there was never a better opportunity for a live, energetic grower than this. If you are interested write me and I will give particulars. Address No, **88**, care Florists' Review, Chicago.

WANTED—Have just built 2 greenhouses, 50 ft. long, and want to get a partner; single man with practical experience in cut flowers and potted plants; I have a thriving business in a hustling town of 1500; summer resort; this is a splendid opportunity for a young man with cash who means business; there are no other greenhouses around for 30 miles; have great winter trade in carnations, callas, etc.; have more than I can attend to; any one with $400 to invest will never regret taking advantage of this opportunity; write for particulars. Address Lowry P. Rudd, Florist, Pentwater, Mich.

FOR SALE OR RENT—Three greenhouses and stock of plants, situated in town of 5000; good location; new business; no competition within 100 miles; will sell at a bargain or rent, as must change climate for health. Write to Mrs. M. Iris Brown, Union City, Tenn.

FOR SALE—Greenhouse plant of about 18,000 feet glass, stocked with carnations; every convenience; good reason for selling; easy terms. Address Edward Woodfall, Glen Burnie, Md.

FOR SALE—Five greenhouses stocked with variety of plants; 5000 feet of glass; hot water heat; 10 minutes walk from station; 1 minute from electrics; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Six greenhouses containing 12,000 feet glass; barn, house and all the ground, or will sell greenhouses and give long lease on grounds; everything in running order; write for further information. Jos. Brumenschenkel, Mansfield, Ohio.

FOR SALE—20,000 Excelsior carnation supports, used one season, 14 in. long, $6.50 per 1000; 21 in. long, $7.00 per 1000; to make room for larger boiler, one 25-h. p. brick set boiler, guaranteed in good condition, and sound, with heavy stack, complete; f. o. b. St. Louis, $100.00. James W. Dunford, Clayton, Mo.

FOR SALE—900 feet 4-in. cast-iron hot water pipe; spigot ends to be cut, 6c foot; Davis duplex belt pump, 2½-in. suction, 2-in. discharge, $60.00; centrifugal pump, 3-in. suction, 2-in. discharge, $25.00; American Blower Co. low pressure steam engine, 10 to 20 lbs. steam, 4 to 15 h. p., $150.00. C. & G. L. Pennock, Lansdowne, Pa.

FOR SALE—The Alameda Greenhouses, Roswell, N. M.; a good florists' business in a western city of 8000; well established trade and prospects for future bright; 300 miles from any other greenhouse; 9-room dwelling, barn, artesian well; hydraulic ram pumps water to 2 large tanks; 5000 feet of glass; water heat; 9 lots, 50x160 each; have a good catalogue business; will sell for $12,000 cash; don't write unless you mean business. Mrs. J. P. Church, Roswell, New Mexico.

FOR SALE — On account of old age and bad health, I wish to sell my greenhouses and gardens; 21 acres of land, 6,000 feet glass; latest improvements and modern in every respect; stocked with flowers and shrubberies; 3 residences, stables and out-buildings of all kinds necessary; will lease or give a good man with some capital an interest; must be up-to-date and capable to manage the business. Address P. O. Box 154, Memphis, Tenn.

Help Wanted

Good grower of carnations, mums and general greenhouse stock; also a good propagator; good chance for the right man.

H. O. HANNAH & SON,
Sherman, Texas.

FOR SALE

Greenhouse plant of 25,000 ft. of glass, 10 houses well stocked with everything to be found in an up-to-date place, the whole plant, including dwelling, heated by steam with 2 boilers; 6 acres of land with fruit and shrubbery; 6-room dwelling, barns and other outside buildings; also store and fixtures; the only flower and seed store in a city of 25,000 population; everything can be retailed from city store; if required will sell greenhouses and stock and lease land. For particulars address No. **66**, care Florists' Review Chicago.

FOR SALE

A florist establishment of 5000 feet of glass in a good business town and surrounding towns of 25 000; 18 miles from Pittsburg; no competition; everything in A1 shape; good reason for selling; and don't write unless you have cash and mean business. For particulars, address

No. 96, care Florists' Review, Chicago.

WANTED

Carnation grower, night fireman and young men with some experience in growing roses and carnations; state age, experience, salary, etc.

W. K. PARTRIDGE, Cincinnati, Ohio.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., W. H. Grenell, Saginaw, W. S., Mich.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 24th annual meeting will be held at San Jose, Cal., June, 1906.

TIMOTHY seed is around $1.65 at Toledo.

YELLOW fever has taken its toll of the seedsmen, the death of A. R. Kerlac, of New Orleans, having been chronicled in last week's REVIEW.

JOHN M. CLARK, of the Leonard Seed Co., Chicago, is in Michigan on his annual tour of inspection of peas, beans, trout and muskallonge.

OTTO H. R. WIESE, manager of David Sachs, Quedlinburg, Germany, is making his annual tour of the wholesale trade in America. He has been through the northern section and was at Chicago August 28. He reports trade about as usual.

THE Cleveland Seed Co., S. M. Pease president, has removed its main office from Rochester to Avon, N. Y., where they have just completed a four-story warehouse for beans. The pea growing station at Picton, Ont., will be maintained.

THE W. W. Barnard Co., Chicago, proposes, in addition to pushing the bulb, florists' seeds, greens and catalogue departments of the business, to extend the wholesale end acquired from the Goodwin-Harries Co., of which A. H. Goodwin will continue in charge. The capital of the corporation is $100,000.

EUROPEAN SEED CROPS.

The Horticultural Trade Journal, London, has prepared the following summary of seed crops in Europe:

Kales and Savoys.—Seeds of all the leading varieties of kales will, it is expected, be at their usual prices.

Thousand-headed Kale.—The acreage for seed is small and therefore prices are expected to rule considerably higher than usual. Green Curled savoy is a short crop, but other varieties will be of the usual prices.

Radish.—Crops are found to vary considerably in the principal producing districts in some parts of Germany, but in the Anjou district the crops up to the present are disappointing. English crops are badly in want of rain.

Carrot.—Crops said to be very short in Germany, but there are very good yields in the south of France; they are fair in the Anjou, and have improved as we get nearer Paris. White Belgian carrot is likely to be higher in price.

Cress.—There is a very fair promise of a crop, and there should be a good sample if the present fine weather is not too greatly interfered with by rain.

Lettuce.—There is the promise of a plentiful supply of seeds of all the leading varieties.

Parsley.—Home crops promise a good yield, but there is not likely to be so much as usual sent in from the continent.

French Beans.—It has been noted that the crops about the country are blooming freely, and there is a promise of a good yield. In Germany, the acreage, usually so plentiful, is a very small one. Dwarf varieties promise very well and the yield should be such as to bring the crop into the market at reasonable prices.

Turnips.—All varieties promise a plentiful harvest, except in Germany. Yellow and white fleshed turnips are very good in this country and seeds are on the point of harvesting in good condition.

Swede Turnips.—These are very poor crops generally, many crops are badly affected with the canker, and the better sorts should be higher in price. Bronze-top varieties also are more scarce than usual, but of the common kinds there is still a considerable reserve of 1903 crop.

Mangels.—Mangels are already advancing in prices, although at the moment crops promise fairly well. Warehouses are empty of seeds and the acreage growing for seed is much smaller than usual, so that there is every reason to believe that we shall see considerably higher rates.

Rape will be scarce, as the acreage is short in England, and the Dutch farmers find more profit in the culture of sugar beet. The market for rape will present interesting features later on.

LEONARD SEED CO. CHICAGO

ONION SETS. Our crop is now harvested.
WHITE PEARL SETS Ready to ship. Write for Prices.
Flower Seeds and Bulbs
WHOLESALE SEED GROWERS. Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1906 are still being booked.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
TURNIP SEED. TIME TO BUY NOW. Get our Prices.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

VALLEY PIPS Best German forcing and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.
Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Ready for Shipment
GENUINE CALIFORNIA GROWN CALLAS

Diameter.	Per 100.	Per 1000.
1½ to 2 inch	$7.00	$65.00
2-inch, up	9.00	

Guaranteed sound.

CHINESE SACRED LILIES
(Genuine Imported)

Per Basket (30) $1.25
Per 100 ..... 4.00

E. F. WINTERSON CO.
45-49 Wabash Ave, CHICAGO.

Mention The Review when you write.

HENRY METTE
QUEDLINBURG, GERMANY
Grower and Exporter of Choice
Beet, Vegetable and Flower Seed
PANSIES
Mette's "Triumph of the Giants," the most perfect and most beautiful in the world, $5.00 per oz., $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with Order.

SEED GROWERS
Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address
A. A. BERRY SEED COMPANY, Clarinda, Ia.

Thorburn's Bulbs
We are now booking orders for
LILIUM HARRISII,
Lilium Longiflorum,
ROMAN HYACINTHS,
PAPER WHITE NARCISSI, etc.
WHOLESALE PRICE LIST NOW READY.
CYCAS REVOLUTA
at $8.00 per 100 lbs.
J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Obconica Primroses
My New Hybridized Giant Flowered Strain is now ready in 2½-inch pots. Nice plants.
COMPACTA, a fine potter.....$6.00 per 100
CARMINE, PURPLE, PINK, LILAC, these colors, fine, mixed.....$3.50 per 100
MYOSOTIS WINTER QUEEN. It flowers from November until Easter on the bench or in pots and is unsurpassed for cut flowers, nice plants in 2½-in. pots, $4 00 per 100.
O. V. Zangen, Seedsman, Hoboken, N. J.

Mention The Review when you write.

ELLIOTT'S LITTLE GEM
CALLA BULBS
DORMANT BULBS
$1.20 per 100; $10.00 per 1000.
DANVILLE PLANT & FLOWER Co.
317 Vermilion St., Danville, Ill.

For Cash Only.....

We are again in possession of another consignment of true **Captains Island** Harrisii, 5 to 7, and will close them out in case lots only of 400 to the case, $10.00.

WM. ELLIOTT & SONS, New York

Address all Correspondence to Auction Department

Mention The Review when you write.

RELIABLE SEEDS

	Oz.	1000 seeds Trade Pkt.
Cineraria Hybrida, dwarf giant-flowered, finest strain, mixed		$0.75
Cyclamen Persicum Giganteum, a splendid mixture, made of 5 separate colors, or the colors separate		5.00
Myosotis, Winter Queen, best for cut		.50
Giant Pansies, unsurpassed quality.	Oz.	Trade Pkt.
Special Cemetery mixture	$2.50	$0.50
Special Florists' mixture	3.00	.50
Bugnot's, very showy colors	3.50	.50
Cassier's Giant mixture, improved	4.00	.50
Trimardeau Elite mixture	2.50	.50
Myosotis Alpestris Victoria, true	1.00	.25
Greenhouse Stocks for the Cut.		
Boston Market, white	3.00	.50
Cut and Come Again, white	2.50	.50
" " " " lavender, pink, purple, carmine, each	3.00	.50
Excelsior, enormous pure white spikes	5.00	1.00
New Perfection, sky blue, extra	6.00	1.00

O. V. ZANGEN, Seedsman, Hoboken, N. J.

Mention The Review when you write.

HARRISII

Romans, Paper Whites, Freesias.
New Crop PANSY, now ready.
Send for catalogue.
Currie Bros. Co., Milwaukee, Wis.

Mention The Review when you write.

PANSY SEED

Large flowering, "none better," oz., $4.00; 3 oz., $11.00. Cash.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

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Our NARCISSUS

for forcing cannot be beat. Write us regarding your wants.

PERRET'S PANSY SEED, 1905 stock at $4.00 per oz.; $2.50 per ½ oz.; $1.00 per trade pkt.; 50c per ⅓ pkt.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

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MICHELL'S
PURE CULTURE SPAWN

Pure Culture Mushroom Spawn. Made in America, and after years of careful experimenting, it has finally been pronounced faultless. We have arranged to represent the most reliable of American Spawn makers and are booking orders for immediate delivery. Pure culture spawn is claimed to be far superior to the English, from the fact that it produces much heavier crops and comes into bearing two weeks sooner.

Prices: 10 bricks, $1.80; per 25, $4.00; per 50, $7.50; per 100, $14.00; per 1000, $130 00.

ENGLISH MILLTRACK SPAWN Made especially for us by a leading English house. Fresh shipment received every three weeks. Per brick, 15c; per doz. bricks, $1.50; per 100 lbs., $6.00; per 1000 lbs., $55.00. (250 lbs. or over at 1000 lb. rate.)

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PAPER WHITES, FREESIAS, WHITE ROMANS, CALLAS, HYACINTHS, TULIPS, ETC.
FRESH MUSHROOM SPAWN, PURE CULTURE and Virgin English Milltrack.
OUR NEW WHOLESALE CATALOGUE MAILED ON REQUEST.

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Cyclamen Seed

FRESH CROP. Clean, Plump Seed

These seeds have been carefully saved from the finest specimens both as to plant and bloom. Our plants are from a well known strain which we have greatly improved during the past four years. Those who visited our place during their blooming time know what they are. You will make no mistake in sowing this seed. Sow in August for large specimen plants. In separate colors. White, white with red eye, rose, lavender and wine color. $5.00 per 1000.

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38th St. and Senate Ave., Indianapolis, Ind.

Cineraria Grandiflora.

	Trade pkt.
Medium Tall, Prize varieties, mixed	$0.50
Dwarf, Prize varieties, mixed	.50

Pansy Superb Mixed

⅛-ounce, 60c.	¼-ounce, $1.15.	ounce, $4.50
Choice large flowering, mixed		" 1.25

W. C. BECKERT,
ALLEGHENY, PA.

Queen Beatrice

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NEW CROP SEED
Of my well-known
Christmas Sweet Peas

READY NOW.

ZVOLANEK'S CHRISTMAS PINK; FLORENCE DENZER, pure white, $2.00 per lb.; 75c per ¼ lb. Also **CHRISTMAS RED** and **CHRISTMAS WHITE,** (new black seeded), 2 oz., 75c, mailed free.

All these peas, if sown the first days in September, will bloom for Christmas and all winter. This seed is sold only in my original packets, with cultural directions. Not less than 75c worth sold. Orders booked in rotation.

ANT. C. ZVOLANEK, The Originator
Bound Brook, formerly Grand View, **N. J.**

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Valley our Specialty Cold Storage Pips Always on Hand.

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Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty St., Pittsburg, Pa.
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MILWAUKEE.

The Market.

Market conditions were somewhat light the past week and very little doing among the retailers. Growers are busy, however, planting stock and doing the usual summer repairing. What increase there was in glass will be principally devoted to carnations and there will be quite an increase benched this season over last. There will be about the same number of mums and roses, with a slight increase in lilies and green goods. Some growers are giving more spaee and attention to plants, which have found a good market the past year.

Various Notes.

The C. C. Pollworth Co.'s new addition is completed and planting is well under way.

Wm. Edlefsen is busy looking after the erection of several houses.

John Howard and Chas. Burmeister have each added one house for carnations.

Jos. E. Pollworth and wife have returned from a three weeks' trip through The Dells and northern Wisconsin resorts.

Otto Speidel, of Oconomowoc, passed through the city on his way to Manitowoc to attend the funeral of his mother-in-law.

Miles Meidam, of Appleton, paid us a short visit last week, as did E. C. Amling, of Chicago.

Members of the craft returning from Washington praise the hospitality of the Washington club and the business-like convention. Congratulations go to Kasting. INCOG.

LOUISVILLE, KY.

I recently made a visit to the Anchorage Rose Co. This establishment is twelve miles from the city and lies between Anchorage and Middletown. It consists of five large greenhouses, or 52,000 square feet of glass. This company has been incorporated with capital stock of $50,000. Chas. Rayner is president. I had the pleasure of meeting the proprietors and received the glad hand of welcome. Mr. Rayner showed me through the different houses and I found everything in fine shape. One house of Golden Gate was in fine condition. A house of Bridesmaid was in its prime, also a house of Bride and Ivory looked very promising. Chrysanthemums were to be seen here. One especially, a white called Cremo, the firm thinks a great deal of. They are putting in a new boiler and when completed the heating apparatus will be in fine shape.

Jacob Schulz, A. Baumer and Mr. and Mrs. C. H. Kunzman have returned from Washington and speak very highly of the convention.

Business is at a standstill. Lots of asters are coming in and are of fine quality. HY LICHTEFELD.



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FIRST QUALITY, 60c PER 1000.
ALSO DEALER IN
CHRISTMAS TREES, Baled Spruce for Cemetery Use
BOUQUET GREEN, SPHAGNUM MOSS, ETC.
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Maids, Brides, Chatenay and MacArthur.
Write for prices.
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EAST BROOKFIELD, MASS.
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LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
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GHENT, Belgium.

SOL GARLAND
Des Plaines, Ill.
CARNATIONS
MY SPECIALTY.

LUDVIG MOSBAEK, Onarga, Ill.
30,000 Asparagus Plumosus Nanus and Sprengeri, 3-inch, $6; 4-inch, $10; 2¼-inch, $2.50 per 100.
5,000 Smilax, 2¼-inch, $1.50 per 100.
Bedding plants, list mailed.
Pansy plants in bloom and seedlings.
Pansy seed, Florists' Intern., ⅛ oz., $1; oz., $7.
Pansy seed, Giant mixed, ⅛ oz., 65c; oz., $4.
5,000,000 Celery plants, 1000, $1.00; transplanted, 1000, $2.00. List mailed.

ORCHIDS
Arrived in superb condition
Cattleya Schroederae, C. Trianae, C. Gigas, C. Warneri and C. Dowiana.
Write for Prices.
Lager & Hurrell, Growers and Importers... Summit, N. J.
Mention The Review when you write.

VALLEY CITY, MINN.—Ed Moore, who is just starting in the greenhouse business here, reports prospects excellent.

COUNCIL BLUFFS, IA.—A good many people missed J. F. Wilcox at the convention. Had they known that he has owned an automobile only long enough to begin to feel secure in its management they would have had a reason for his absence.

THE PHILADELPHIA CUT FLOWER CO.
1516-1518 Sansom St., Philadelphia, Pa.

CARNATIONS FIELD-GROWN PLANTS

Prosperity	$45.00 per 1000	VESPER	$35.00 per 1000
Flamingo	75.00 per 1000	Nelson	35.00 per 1000
May Naylor	40.00 per 1000	Joost	35.00 per 1000
Flora Hill	40 00 per 1000	Roosevelt	40.00 per 1000

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PALMS, FERNS
and all Decorative Stock.
R. DREYER, Woodside, L. I., N. Y.
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Queen Beatrice

Wholesale Cut Flower Prices.

Philadelphia, August 30.

		Per doz.
Beauties, Specials	$2.00 to	$3.00
" Extra		2.00
" Medium	1.00 to	1.50
" Short		.75
Queen of Edgely	1.00 to	1.50
		Per 100
Brides and Bridesmaids, Fancy	$4.00 to	$ 5.00
" " Ordinary	2.00 to	3.00
Liberty, Select	6.00 to	8.00
" Ordinary	2 00 to	4 00
Golden Gate	2 00 to	5 00
Kaiserin	4.00 to	8.00
" Ordinary	2.00 to	3.00
Carnations, Select	1.50 to	2.00
" Ordinary	.50 to	.75
Asters, Select	1.50 to	2.50
" Common	.50 to	1.00
Cattleyas	50.00 to	60.00
Adiantum Cuneatum	.75 to	1.00
" Croweanum		1.00
Asparagus Plumosus, Strings	35.00 to	40.00
" Sprays, per bunch, 35-50c		
" Sprengeri, bunch...35-50c		
Smilax	10.00 to	15 00
Valley	2.00 to	4.00
Water Lilies		2.00
Pyrethrum.....per bunch 10c		
Gladioli	1.50 to	2.00
Dahlias	1.00 to	2.00
Lilies, white, red, pink	4.00 to	8.00
Hydrangeas	3.00 to	5.00

I GET much pleasure and profit out of the REVIEW every week.—FRED HATCH, Scranton, Pa.

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WM. DILGER, Manager.
Fancy Ferns, $1.00 per 1000.
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Colorado Springs, Colo.
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GALAX, Brilliant bronze or green, 75c per 1000.



Use our laurel festooning for your Decorations. It gives the best satisfaction of any decorative green at this time of the year. Sample lot on application, we make it daily, gathered fresh from the woods. Hand made, full sizes 4c, 5c and 6c per yard. Once used, always used. Branch Laurel, 35c per large bundle. Princess Pine by the pound or made into festooning when desired.
CROWL FERN CO., -- MILLINGTON, MASS.
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SOUTHERN WILD SMILAX
(Where Quality is First Consideration)
Write, wire or phone the introducers
CALDWELL THE WOODSMAN CO.
Evergreen, Ala.
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DO NOT WASTE YOUR TIME ON BOSTONS
Grow Nephrolepis Scottii
You will sell the plants quicker and at much better prices. They will take up less room and cost you only a little more money; at the following prices, which are 50 per cent lower than ever before: Strong plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.
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We are **headquarters** for **every kind** of Cut Flowers in their **season.**

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Out-of-town florists promptly attended to. Telephone for what you want.
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ALSO A COMPLETE LINE OF **CHOICEST FLOWERS**
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TRAENDLY & SCHENCK,
Wholesale Florists
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
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WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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Wholesale Cut Flower Prices.

New York, August 28.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	.50 to 2.00
Brides and Maids,	Special	2.00 to 4.00
" "	Extra	1.00 to 2.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		.50 to 4.00
Liberty		.50 to 10.00
Killarney		1.00 to 6.00
Meteor		.50 to 2.00
Chatenay		.50 to 2.00
Orchids, Cattleyas		40.00 to 75.00
Carnations, Common		.50 to .75
"	Selects	1.00 to 1.25
"	Fancies	1.25 to 1.50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		50 to .75
"	Croweanum	.75 to 1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		6.00 to 10.00
Lilies		4.00 to 6.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00
Daisies		.25 to .50
Mignonette		.25 to .50
Sweet Peas, doz. bun'es, 5c to 20c		
Gladioli		.50 to 1.00
Asters	hunch, 1c to 10c	
Dahlias		1.00 to 2.00

THE REVIEW will send the Pronouncing Dictionary on receipt of 25c.

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GROWERS — Important — Special advantages for you this season. Write or see us.

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Satisfaction Guaranteed.

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QUAINT and CURIOUS JAPANESE PLANTS on hand for SHIPMENT ALL THE YEAR ROUND
Prices—15c, 20c, 25c, 50c, up to $5.00
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EVERY VARIETY OF "GREEN GOODS"
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Between 28th and 29th Street
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Wholesale Cut Flower Prices.

Boston, August 30.

	Per 100
Beauties, Specials	$12.00 to $25.00
" Extra	6.00 to 10.00
" Short Stems	2.00 to 5.00
Brides, Specials	2.00 to 5.00
" Seconds	1.00
Bridesmaids, Specials	2.00 to 5.00
" Seconds	1.00
Carnots, Kaiserins	2.00 to 8.00
Liberty	2.00 to 8.00
Carnations, Special	2.50 to 3.00
" Select	1.50 to 2.00
" Ordinary	1.00
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bn. $1.00.	25.00 to 50.00
" Sprengeri, bunch, 1.00.	25.00 to 50.00
Smilax	10.00 to 12.50
Adiantum	.75 to 1.25
Gladioli	2.00 to 5.00
Asters	.50 to 1.50
Lilium Speciosum	4.00 to 6.00

Buffalo, August 30.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 20.00
" Shorts	4.00 to 10.00
Brides and Maids, Extra	5.00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Kaiserin	3.00 to 7.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
President Carnot	3.00 to 7.00
Carnations	1.00 to 2.00
Asters	.50 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.20 to .30
Gladioli	1.00 to 3.00
Speciosum Lilies	3.00 to 4.00

Queen Beatrice

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53 W. 28th St., NEW YORK
Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves.
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88 Rochester Ave., Brooklyn, N. Y.
Telephone, 742-A Bedford
WIRE Designs, assorted, $10.00 per 100. Select Sphagnum MOSS, $1.50 per bale. Green MOSS, 75c per bag. Can deliver from 1 to 100 bales at short notice. Will ship to any part of the country.
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GALAX BRILLIANT Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5000.
LEUCOTHOE SPRAYS—Green or Bronze, 90c per 100; $7.50 per 1000.
GREEN SHEET MOSS—Fresh stock, per bbl. sack, $2.50.
SPHAGNUM MOSS—Large bale, $1.75; by freight, $2.00 per bale.
All Kinds of Florists' Supplies.
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AT WHOLESALE.
Wild Smilax, Palmetto and Cycas (fresh cut) Palm Leaves, Galax, Leucothoe, Ferns and Mosses. Leaf-Mold, Orchid and Azalea Peats. Everything in Season.
THE KERVAN CO. 20 WEST 27TH ST., NEW YORK.
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Florists' Review
When Writing Advertisers.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, August 30.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
" Shorts	$0.50 to	.75
		Per 100
Bridesmaids, Specials	$5.00 to	$6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Kaiserin	3.00 to	8.00
Chatenay	2.00 to	6.00
Carnations, Select	.50 to	1.00
" Fancy		1.50
Asters	.50 to	2.00
Harrisii	8.00 to	12.50
Auratum Lilies	10.00 to	12.50
Water Lilies		1.00
Daisies		.50
Gladioli	1.00 to	4.00
Tuberoses	3.00 to	5.00
Asparagus, Strings	25.00 to	50.00
" Sprays, per bunch, 25-50c		
Sprengeri " 25-35c		
Ferns ..per 1000, $1.00		.15
Galax .....per 1000, $1.00 to 1.25		.15
Adiantum Cuneatum		.75
Smilax .....per doz., $1.50		10.00

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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BUY YOUR

Cut Flowers, Florists' Supplies

WIRE DESIGNS at

THE FLOWER GROWERS' MARKET

60 Wabash Ave., CHICAGO.

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Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

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Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short stems $4.00 to $5.00 per	100.
	Per 100
LIBERTY $4.00 to	$6.00
CHATENAY 5.00 to	6.00
" seconds 3.00 to	4.00
MAIDS AND BRIDES 4.00 to	5.00
" " " seconds.	3.00
UNCLE JOHN, seconds 3.00 to	4.00
CARNATIONS 1.00 to	1.50

All flowers are perfectly fresh and properly packed

No charges for P. & D. on orders over $5.00

Always mention the Florists' Review when writing advertisers.

H. N. BRUNS

Headquarters for.....Cold Storage Valley

The selected pips, $1.50 per 100; $14.00 per 1000.

FINEST CUT VALLEY.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

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Wholesale Florist,

51 Wabash Ave. CHICAGO.

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Flower Growers' Market,

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WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

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High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

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A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., CHICAGO.

Write for special quotations on large orders.

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Wholesale Growers of and Dealers in **Cut Flowers.**

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35-37 Randolph Street, CHICAGO, ILL.

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We are selling agents for Galax Leaves in our territory. Prices lowest considering quality. Car-lots a specialty.

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76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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GEORGE REINBERG

51 Wabash Ave., Chicago.

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

WE HAVE THE FINEST BEAUTIES COMING INTO PHILADELPHIA
ALSO VALLEY, ASTERS AND ALL OTHER SEASONABLE FLOWERS

The Philadelphia Wholesale Flower Market.

1235-37 FILBERT ST., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, August 30.

		Per doz.
Beauties, Specials	$2.00 to	$2.50
" Extra	1.00 to	1.50
" Shorts	.50 to	.75
		Per 100
Brides and Maids, Specials	$3.00 to	$4.00
" " No. 1	1.50 to	2.50
Golden Gate	3.00 to	4.00
Liberty	2.00 to	4.00
Kaiserin	3.00 to	5.00
Carnots	3.00 to	5.00
Carnations, Common		.50
" Select	.75 to	1.00
" Fancies	1.50 to	2.00
Adiantum		1.25
Asparagus Plumosus, Strings	20.00 to	30.00
" " Sprays	1.00 to	1.50
" Sprengeri "	1.00 to	2.00
Lily of the Valley	2.00 to	3.00
Smilax		12.50
Daisies	.25 to	.35
Tuberoses	1.00 to	2.00
Asters	.50 to	1.00
Gladioli	1.00 to	2.00

Milwaukee, August 30.

		Per 100
Beauties, Extra		$25.00
" No. 1	$10.00 to	20.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, Best	4.00 to	6.00
" " Seconds	2.00 to	3.00
Golden Gate	4.00 to	6.00
Liberty	4.00 to	6.00
Perle	4.00 to	6.00
Chatenay	4.00 to	6.00
Asparagus Plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri, "	2.00 to	3.00
Daisies		.50
Smilax		20.00
Ferns		.20
Asters	.50 to	1.00
Auratum Lilies	$1.00 per doz.	
Rubrum, Album Lilies, short		3.00

Cleveland, August 30.

		Per doz.
Beauties, Specials		$3.00
" Extra		2.50
" No. 1		2.00
" Shorts	$0.50 to	1.00
		Per 100
Brides and Bridesmaids	$2.00 to	$6.00
Kaiserin	4.00 to	8.00
Carnations	1.00 to	2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri, "	2.00 to	4.00
Smilax		20.00
Sweet Peas		.25
Asters	.50 to	1.50
Gladioli	1.00 to	2.00

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

C. A. KUEHN WHOLESALE FLORIST,
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
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Wholesale Commission Dealer in
Cut Flowers, Florists' Supplies and Wire Work of all Kinds.
Phone Main 980 128 E. 3rd St., CINCINNATI, O.
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C. E. CRITCHELL
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
CONSIGNMENTS SOLICITED.
"Green Goods" are my Specialties.
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LOUIS H. KYRK
Wholesale Commission Florist,
Phones, Main 3062, Main 2486-L.
110 & 112 E. 3rd St., Cincinnati, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.
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The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
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1402 Pine Street,
ST. LOUIS, MO.

Geo. H. Angermueller
Wholesale Florist
Cut Flowers and Florists' Supplies
Consignments Solicited.
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PETER WEILAND
Wholesale Grower of
CUT FLOWERS
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., Cincinnati, Ohio
All stock sold at the Prevailing Market Price.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, August 30.

		Per 100
Beauties, Extra	$20.00 to	$25.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	10.00
Brides and Maids, Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	5.00
Meteor	2.00 to	5.00
Perle and Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Select	1.25 to	2.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Lilium Longiflorum	6.00 to	10.00
Smilax	10.00 to	15.00
Lily of the Valley	3.00 to	4.00
Callas	5.00 to	10.00
Adiantum	.75 to	1.00
Stocks	2.00 to	3.00
Gladioli	3.00 to	5.00
Asters	.50 to	2.00

Pittsburg, August 30.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" No. 1	5.00 to	8.00
" Shorts	2.00 to	3.00
Brides and Maids	1.00 to	5.00
Cusin	1.00 to	4.00
Kaiserins	2.00 to	12.00
Perle	2.00 to	4.00
Carnations	.75 to	2.00
Adiantum Croweanum	.75 to	1.25
Asparagus Plumosus, Strings	20.00 to	50.00
" Sprengeri, Sprays	2.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	10.00 to	15.00
Lilies	12 00 to	15.00
Asters	.50 to	2.00
Gladioli	1.50 to	3.00

LILIUM HARRISII and CALLA LILIES
Will quote you prices that will save you money.
D. RUSCONI, 32 W. 6th St., Cincinnati, O.
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What the Trade say About the Peerless Glass Repair Clamp.
"We think your device is very practical and will often be of the greatest convenience."
W. & T. SMITH CO., Geneva, N. Y.
"I can heartily endorse your Clamp as something indispensable. It is easily and quickly adjusted and will last indefinitely. Every florist ought to have some of the 'PEERLESS REPAIR CLAMPS' ready in case of emergency."
PETER FISHER, Ellis, Mass.
For a sample address
A. KLOKNER, Wauwatosa, Wis.
Mention The Review when you write.

Queen Beatrice
Mention The Review when you write.

FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything In the Market.
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone MAIN 2018-M
Mention The Review when you write.

BOILER AND RADIATION.

We have a greenhouse 100 feet long, twenty feet wide, three-quarter span, eleven feet to the ridge, seven feet to the rear plate and three and a half feet in front, running east and west. We have a cast-iron boiler of eight sections. The grate is 19x32 inches. Would this boiler be large enough to heat the house at 55 degrees in zero weather? How many 2-inch flows and how many 1¼-inch returns will be required to heat with steam? The office is on the east and breaks the east winds. A. W. V.

I regret to say that it is impossible to more than guess at the size and capacity of your boiler from the figures given. The grate surface, which is a little less than five feet, may bear a ratio of one to forty or one to eighty, depending upon the designer. It is safe to calculate on a basis of one to forty, without doubt, in which case the boiler would have a capacity to care for 1,600 square feet of radiation. To maintain a temperature of 55 degrees in this house with hot water at 180 degrees will require 800 feet of radiation, and to maintain the same temperature with steam at five pounds pressure will require about 570 square feet of radiation. To provide the necessary heat with steam a 2-inch riser under the ridge, returning by twelve 1¼-inch pipes along the side walls or under the benches will suffice. If hot water is used a larger flow and more returns will be necessary. For hot water the flow should be 2½-inches and there should be at least seventeen 1¼-inch returns.

L. C. C.

Larwill, Ind.—F. A. Knull has erected a 100-barrel tank this season and plans to put up a house 20x70 before fall. Trade has been very good all summer. He has an acre of asters, mostly Benthey's variety.

Carnation Plants

THE UNITED STATES CUT FLOWER CO., ELMIRA, N. Y.

Have a selection of fine high-land-grown stock, free from rust, stem-rot or any other disease, in the varieties named, which they are quoting at the following prices:

	1st Grade Per 100	2nd Grade Per 100
ENCHANTRESS	$7.00	$5.50
LAWSON	6.00	5.00
WHITE CLOUD	5.00	4.00
GLACIER	4.50	3.50
PROSPERITY	5.00	4.00
JOOST	4.00	3 00
GUARDIAN ANGEL	4.00	3.00
CROCKER	4.00	3.00

FINE SMILAX PLANTS, $2.50 per 100.
Stock limited. Place orders EARLY.

MAKERS of PURE CULTURE TISSUE
COLUMBIA, ALASKA, BOHEMIA

MUSHROOM SPAWN
Fresh Spawn Always on hand.
WRITE FOR PRICES.
COCHRAN MUSHROOM & SPAWN CO.
911 CHEMICAL BLDG. ST. LOUIS, MO.

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ORDER BY MAIL

OUR Ribbons are reliable — these are the only kind we make.

Free samples are convincing proof of their dependable qualities. Send for samples today.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH ST. 52-54 N. EIGHTH ST.

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HARDY CUT FANCY AND DAGGER FERNS



$1.00 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE AND GREEN GALAX, $1.50 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss. $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.



We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

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PILCHER & BURROWS
Brokers. Florists' Supplies.
FIRST-CLASS ACCOUNTS SOLICITED. If You Want to BUY or SELL. CORRESPOND WITH US.
717 N. Fourth Street, ST. LOUIS, MO.

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HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

Mention The Review when you write.

SMITH'S
CHRYSANTHEMUM MANUAL
By ELMER D. SMITH

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

"The Pronouncing Dictionary is just what I have wanted."
"The Pronouncing Dictionary fills a long-felt want."
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A Booklet just the size to fit a desk pigeon-hole and be always available.
Sent postpaid on receipt of 25c.

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Caxton Building
334 Dearborn Street, Chicago

Queen Beatrice

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Florists' Review
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LEADING RETAIL FLORISTS.

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Auditorium Annex. Telephone Harrison 585.

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Bellevue-Stratford Hotel,
Broad and Walnut Sts., Philadelphia.
Retail Orders Promptly and Tastefully Executed.

Your orders for

LOUISVILLE, KY.

will be properly taken care of by

AUGUST R. BAUMER
THE MASONIC, 4th and Chestnut.
Long Distance Phones.

A. GUDE & BRO.

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Washington, -- D. C.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

Julius Baer,

138-140 E. Fourth Street,
Long Distance Phone.
Cincinnati, Ohio

ATLANTA FLORAL CO.

41 Peachtree Street, ATLANTA, GEORGIA

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON
ST. PAUL, MINN.

S. B. Stewart,

No. 119 16th Street, OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.
Long Distance Phone Bell Lindell 676.

William H. Donohoe

Telephone No. 3034 Madison
No. 2 West 29th St., New York
One door off 5th Ave.

The leading florists in all the large cities of the United States and Canada can safely intrust their theatre and steamer orders to me. Personal attention guaranteed. I ask but for one trial to insure your confidence.

MILLS THE FLORIST

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Jacksonville, Florida

HUGH GRAHAM CO.
PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's

BUFFALO,
New York.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Alexander McConnell

546 FIFTH AVENUE
Cor. 45th St., N. W.

NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street
Cable Address: ALEXCONNELL.
WESTERN UNION CODE

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144X. 104 So. Carolina Ave.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

LEIKENS

Near the Waldorf-Astoria
7 E. 33rd St., New York City.

L. I. NEFF,

Florist, 218 6th St.
PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics with the Correct Pronunciation for each. Sent postpaid on receipt of 25c.

FLORISTS' PUBLISHING CO.
334 Dearborn St. Chicago.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. Albertson, Bridgeport, Ind.; Vice-Pres., Orlando Harrison, Berlin, Md.; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 31st annual convention will be held at Dallas, Texas, June, 1906.

THE business done with hardy phloxes increases every year.

The peony business is on the boom again now that planting time is here.

THE white ash, owing to its thrifty and symmetrical growth, has become a very popular tree for street planting.

THERE was a time when nurseries west of the Mississippi had no use for ornamentals, but that time has passed.

THE nurseries which have stocks of hardy perennials report that the summer show is bearing fruit in many orders for stock.

THE western growers of apple seedlings have largely employed new land this season and report stock very free from disease.

EASTERN nurserymen report increased call for evergreens for fall planting. Many small evergreens are being used for bedding purposes.

ROCHESTER, N. Y.—Among the visitors here are Irving C. Spaulding and George Reilly, of the Spaulding Nursery and Orchard Co., Spaulding, Ill.

MASON CITY, IA., is rejoicing that the St. Ansgar Nursery, St. Ansgar, Ia., has bought a 200-acre tract on the edge of Mason City and will shortly remove there.

M. J. HENRY, Vancouver, B. C., has finished budding nursery stock and says the supply in his territory is steadily increasing, but not faster than the demand.

THE Hyde Park nursery, Chicago, has been incorporated, capital, $10,000, to raise trees, plants and flowers; incorporators, George W. Ross, David H. Stapp and Frank M. Burwash.

A PEONY which will be heard from in time is Mme. Forel, but import orders for it bring all sorts of light pinks. One importer of Mme. Bollet received part true Mme. Forel. It is not unlike Louise d'Estrees but larger and opens more like a rose.

THE WEEPING LILAC.

That small weeping trees are very popular may be judged from the fact of the numbers of such sold each season. Among the most popular are the weeping flowering cherries, weeping dogwood, weeping mulberry and weeping willows. The weeping lilac deserves as much, or more, recognition as any of the preceding. It is a native of China, growing around Pekin, from which its name, Pekinensis pendula, is obtained.

When first exhibited at the Massachusetts Horticultural Society's exhibition, Samuel Parsons, a great authority on such matters, said it was "the most beautiful of all our small weeping trees." Jackson Dawson, a name as familiar as "household words" to the gardening world of the United States, wrote: "I consider the new weeping lilac a very valuable addition to our ornamental trees, unique in its appearance, perfectly hardy and most desirable."



Syringa Pekinensis Pendula.

There are places on a lawn, or large place, at the junction of walks, etc., where no other one plant or shrub would be so appropriate and in keeping with the place as a fine, desirable weeping variety, especially if the weeper produces flowers also, as does the weeping lilac, which, when planted in the right spot, is charming in the extreme. Its light, pendulous branches are gracefully attractive and it is most beautiful, having a style all its own, and when in flower its intense honeyed sweetness is felt for quite a distance. When first introduced the price of plants was $5.00 each, a price none too high for so valuable a variety. Its propagation is somewhat slow, as it takes from four and five years to produce good plants fit for the market. The photograph reproduced was taken from a specimen on our grounds, and it shows what an elegant weeping flowering plant we have in this variety. JOHN CHARLTON.

CATALOGUES RECEIVED.

Blatchford's Calf Meal Factory, Waukegan, Ill., price list and descriptive circular of Blatchford's plant grower and land renovator, also price list of Blatchford's specially imported English lawn grass seed. E. Y. Teas, Centerville, Ind., fall of 1905 price list of peonies. Crenshaw Bros., Tampa, Fla., summer and fall catalogue of seeds, bulbs, fertilizers, etc. Wm. Bull & Sons, Chelsea, London, Eng., catalogue of bulbs. E. E. Wheeler, Bridgeport, Conn., catalogue of bulbs and seeds for autumn planting.

The Tottenham Nurseries Ltd.
(Established in 1872.)
Managing Director, A. M. C. VAN DER ELST.
Dedemsvaart, Holland.

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted for growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties: 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for catalog.

Mention The Review when you write.

California Privet
In any Quantity Desired
One, two and three years old; all sizes up to 4 feet. Stock of very finest quality. Write for prices, especially in car-load lots—they are too low to publish.
J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

Queen Beatrice

ROSES

2 Years Old, Field-Grown

Place orders now for late fall shipment.

Crimson Rambler, $9.00 per 100.
Dorothy Perkins, $7.50 per 100.
Hybrid Perpetuals, $9.00 to $10.00 per 100. Special rates on large lots.

CALIFORNIA PRIVET

Bushy, transplanted stock.

2–3 ft., $3.00 per 100; $20.00 per 1000.
18–24 in., $2.50 per 100; $15.00 per 1000.

HYDRANGEA Paniculata Grandiflora

Standards, 3½–4 ft., $13.50 per 100.
Bush Form, 2–3 ft., bushy, $6.50 per 100. Special rates on large lots.

Let us price your general wants in **Ornamental Trees, Flowering Shrubs, Climbing Vines, etc.**

Send for wholesale price list. Use printed stationary. We send it only to the trade.

Jackson & Perkins Co.
NEWARK, NEW YORK.

Mention The Review when you write.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety**

Send for our Wholesale Price List.

Mention The Review when you write.

EVERGREENS

Large Assortment.

Specialties—White Pine, Hemlock and Large Evergreens. Spring list for details.

Andorra Nurseries
Wm. Warner Harper, Prop. Chestnut Hill, Pa.

Mention The Review when you write.

Japanese Moss

Packed in paper cartons. "Moss and nothing but Moss;" no sticks or dirt. Less than half the price of German Moss.

L. WERTHEIMBER & CO.
Foreign and Domestic Specialties,
39 BARCLAY ST. NEW YORK, N. Y.

Mention The Review when you write.

FOR ROSES

Ferns of all kinds, Cinerarias, Chinese Primroses and Cyclamen, see Kuhl's Adv. in August 3 issue. Write him at Pekin, Ill. You will not regret it.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Specimen Evergreens For PRESENT PLANTING

RETINOSPORA, 50c to $10.00 each.
White Pine, Scotch Pine, Norway Spruce, Colorado Blue Spruce.
These trees have been transplanted every two years and will dig with ball.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

GOLD MEDAL Peonies

Our collection of Peonies was awarded the

ONLY GOLD MEDAL

at the St. Louis World's Fair last summer. We have 120 named varieties and offer as follows:

Pink and rose, named varieties .....$8.00 per 100
White and purple, named varieties..12.00 per 100
Yellow, named varieties.....15.00 per 100

We also offer 36 named kinds of **DWARF LARGE-FLOWERED PHLOXES,** $5.00 per 100; $45 00 per 1000.

BABY RAMBLER ROSES

Strong, field-grown plants, $25.00 per 100.

Please send for price list.

John Charlton & Sons, Rochester, N.Y.

Mention The Review when you write.

PEONIES

100 CHOICE NAMED VARIETIES.

The most complete list in the United States of the best and newest Peonies at prices that cannot fail to interest the buyer. Catalogue mailed free.

CURRIE BROS. CO.
Seedsmen and Florists, Milwaukee, Wis.

Mention The Review when you write.

PEONIES

Wholesale and retail catalogues ready for distribution. Sent free on application.

All stock guaranteed true to name. Send your orders in early to be assured of a good collection for fall planting.

PETERSON NURSERY
504 W. Peterson Ave. CHICAGO, ILL.

Mention The Review when you write.

PEONIES

In choice assortment for florists, from earliest to latest, all named. Write for prices.

NARCISSUS, double white, perfectly hardy, fragrant, beautiful, fine for Decoration Day, 50,000; price low to close out.

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

PEONIES

	Per 100
Queen Victoria, (or Whitleyi) the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans, (the tall grower and bloom producer)	6.00

For other varieties or 1000 rate, write

GILBERT H. WILD, SARCOXIE, MO.

Mention The Review when you write.

PEONIES CHOICEST VARIETIES

HARDY LILIES, Japan Bean Vine or Kudzu Vine, most rapid, hardy vine grown.
DAHLIAS, Richardias.
GLADIOLI, very large stock.
SUGAR MAPLES, 6 inches to 10 feet.
CATALPA speciosa seedlings.
BLACK LOCUST seedlings. List now ready.
E. Y. TEAS, CENTERVILLE, IND.

Mention The Review when you write.

DAHLIAS

One Hundred and Thirty Acres

ROOTS AND BLOOMS in any quantity

L. K. PEACOCK, Inc., Atco, N. J.

Mention The Review when you write.

Large Shade Trees

IF IN WANT of any write for prices. I've got them by the thousand and am selling at very attractive prices—particularly **SUGAR MAPLE, NORWAY MAPLE, SYCAMORE MAPLE, SILVER MAPLE** and **AMERICAN ELM** up to 4½-inch caliper. Have also a fine lot of **ORIENTAL PLANE AND OTHER SHADE TREES.**

J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

NURSERY STOCK

BERBERIS THUNBERGII
ROSA LUCIDA
ROSA RUGOSA
VIBURNUM DENTATUM
VIBURNUM CASSINOIDES
and seedling
PRUNUS MARITIMA

Write for prices.

Sidney Littlefield, No. Abington, Mass.

Mention The Review when you write.

D. AND C. ROSES

are the cheapest because they are the best. We carry in stock upwards of a thousand different varieties, consisting of the very latest European varieties, including Baby Rambler, as well as all the leading varieties of American origin: stock from 2½, 4 and 5-inch pots. **Send us your list of wants today.** Ask for catalogue free.

THE DINGEE & CONARD CO.
Rose Growers. WEST GROVE, PA.

Mention The Review when you write.

Baby Ramblers

and other roses from 2-inch pots.
Bargains for spring delivery.

The Elizabeth Nursery Co., Elizabeth, N. J.

Mention The Review when you write.

Cottage Gardens Company, Inc

QUEENS, LONG ISLAND, N. Y.

SPECIALISTS

PEONIES, CARNATIONS and Specimen Nursery Stock.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Variegated Lawson Carnation

A PHENOMENAL VARIETY.

This beautiful carnation, which we introduced last spring, we are sure will prove not only the best variegated carnation ever sent out, but one of the most popular and profitable carnations in any color that have ever been introduced. The popular conception of a variegated flower ordinarily is that it is not so desirable as a solid color, but Variegated Lawson has proved an exception to the rule, on account of its exceeding beauty and delicacy. If our own retail sales are any index of the popularity of a variety, then Variegated Lawson is bound to be a winner, as the flowers of this sold more readily than those of any other variety.

Aside from its inherent value it will also be sought for on account of the sensation which it created last season in the newspapers, its merits having been heralded widely in the daily press all over the country. The variegation is very beautiful—delicate carmine pencilings on ivory-white ground. It has every good quality—beautiful flower, fine stiff stem, and is exceedingly productive. W. N. Craig, who is an authority on everything pertaining to horticulture, says that he knows that it will outbloom that popular variety, Mrs. M. A. Patten, three to one. The variegation is very similar, but Variegated Lawson has a much better stem and is much more productive. It has the Lawson habit and stem.

White Lawson, which we introduced last year, has proved to be the best white carnation ever put on the market, and we are satisfied that Variegated Lawson will be grown just as largely. Those who are growing moderate quantities of carnations and are obliged to grow several varieties in a house, will find it decidedly to their advantage to plant the different Lawson sports, as they all require the same treatment, and, consequently, will give the best results. A great many carnations are short-season varieties, but Variegated Lawson, like the rest of the Lawson type, has a long season, as the flowers do well during the late spring and summer, when many varieties cease to be at their best.

FIELD-GROWN PLANTS FROM GROUND, $15.00 per 100.

F. R. PIERSON CO., TARRYTOWN, N. Y.

Mention The Review when you write.

PACIFIC COAST.

EVERGREEN HEDGES.

During the month of September is the best time of the year to trim evergreen hedges; that is, such varieties as are pruned only once during the season. With trees that are cut twice a year the month of May is about the proper time for the first trimming. It is surprising to what a low height hedges can be kept if properly pruned. The writer has a hedge of Monterey cypress, a tree much used on this coast for hedges, that has been kept down to a height of five feet for over forty years, and has not been allowed to grow any wider than thirty inches. This is due entirely to the careful manner of trimming.

It is not advisable to cut cypress in the middle of winter, for when the weather is severe the trees make little or no growth and it is possible for them to die back a considerable distance after cutting, whereas when trimmed in their growing season they do not seem to notice the set-back. This is just the reverse from deciduous hedges, but few of which are seen here.

With the cypress, as with all other evergreen hedge trees, the cutting never wants to be neglected for a season. Many a beautiful hedge has been ruined by allowing the lateral branches to spread and grow too much, so that when pruned back to the proper distance, bare, leafless branches are the result and it is often impossible to get a new growth, particularly on the lower portion of the trees. Occasionally the trees die out in spots and the symmetry is often irreparably ruined.

With pittosporums we use tenuifolia and Eugenoides, both of which are valuable trees for this purpose. They should be trimmed twice a year and they can be kept at any desired height by the same process. Laurus Tinus is also much used and should be pruned the same. California privet is not planted as much here as in the east and will stand trimming three times a year at least. Tree box should not be cut oftener than once a year and the same with diosma, both of which are very desirable for low-growing hedges. G.

SEATTLE, WASH.

Club Meeting.

At the meeting of the Seattle Florists' Association held August 22 the members in favor of having a stock company run the chrysanthemum show were in heavy majority. In a twinkling $400 worth of shares were sold. Blocks of five shares, the limit for one person, were quickly taken by the members with the long purses and the others got in line when single shares were offered at $5. One had the temerity to ask if there were any half shares. The supercilious look he got from the chairman froze him stiff.

J. J. Bonnell read his long looked for paper on the growing of outdoor roses in summer for market. It was an excellent treatise and full of new ideas.

Various Notes.

C. J. Hurtt, who has had charge of Capt. Buckley's place at Ballard, has gone back to Denver, to resume his business there.

James Miller, lately with the Ledges Floral Co., at Bellevue, has also gone back to Denver on account of his health.

The Seattle Floral Co. is getting the ground in shape for a house 20x90 feet.

D. M. Kersey, of Bellingham, was visiting the florists in the city this week.

A pottery for the manufacture of florists' flower pots is in operation in Everett, Wash. Samples were shown at the last meeting of the club and were declared up to the standard of eastern pots. A. B.

VICTORIA, B. C.

W. Gage, who has been for some time with L. Russell, of the Jubilee Greenhouses, has entered into partnership with A. Ohlsen of the Oakland Nurseries. They should prove a good team.

J. Layritz reports a very heavy demand for fruit trees for next season's planting. The possibilities of this country for fruit growers are just beginning to be understood.

The following conversation, overheard in front of a florist's store in Victoria, will illustrate the state of summer trade here. First lady tourist: "What lovely flowers! Let us go in and buy some." Second ditto, who has been here a few days: "Don't be foolish. If you want flowers all you need do is to look over anyone's fence and they will give you all you want."

This week we celebrated our fourth annual flower show. It was by far the best ever held here and proved a great success financially also. L. Russell took the prize for group covering 100 square feet. Flewin's Gardens showed herbaceous perennials in good form. Among them were delphiniums with flowers two to two and a half inches across. Twenty-three dinner table decorations were a drawing card and, needless to say, the judges retired early before the storm broke. Among amateur exhibits Mrs. Henry Croft staged twelve ferns that would have been hard to beat in any quarter of the globe. F. B. Pemberton put up a wonderful vase of Lilium auratum platyphyllum Wittei. Some day I will send you descriptions of some of this gentleman's lilies. In his garden I have seen Humboldtii with over sixty flowers on a stem; Washingtonianum and rubescens ten feet high; auratums, ten to twelve feet, by the score, with fifty to 100 flowers. I only know one man who does lilies better and that is the famous English lily fancier, G. F. Wilson.

E. A. W.

SAN FRANCISCO.

The Market.

Business continues very quiet, with quantities of stock on hand. Asters are now at their height and can be had at almost any price. Lilium album and rubrum are being received in large quantities and they sell very well. Valley is scarce, also Lilium longiflorum. Roses are more plentiful than for the past week but the quality throughout is poor. Carnations are not in excess of the demand but they are generally off-color and weak-stemmed. Smilax is more plentiful. Considerable golden-rod is handled by the retailers. It makes a very effective decoration.

Various Notes.

Several shipments of large kentias in excellent order have been received by local florists from Chas. D. Ball, of Philadelphia.

Wm. Simmons, of Elmhurst, will plant largely of Bridesmaid for the coming season.

John M. Holland, manager of Gill's Floral Depot, Oakland, is making a tour of the southern counties.

Miss Rose Mann, for many years associated with A. Mann, Jr., has opened a floral establishment at 1326 Polk street.

James Skinner has 100 fine specimen Laurus nobilis on exhibition at Sutter and Jones streets.

The rather unique idea of a bank and florist's establishment in the same store can be seen at Chas. Stappenback's, on Polk street. The Citizens' National Bank, pending the completion of their building next door, have rented half his store.

It is reported that another Japanese company is negotiating for ten acres of land at Elmhurst, with the intention of going into the wholesale florists' business.

Mrs. E. Cottle, formerly of Oakland, has gone to Gold Field, Nevada, to engage in the retail florists' business.

W. J. Ford has been appointed superintendent of Holy Cross cemetery. There were about 500 applications for the position.

Following the fashion of the better class of stores, the Misses Worn have fitted up and moved to the corner of Stockton and Post streets, three blocks from their old location.

T. Domoto is on a business trip to Los Angeles and vicinity.

The range of houses recently built by John Cooke, of Berkeley, are ready for planting.

D. Raymond, of the Garden City Pottery Co., reports a heavy month's business in flower pots.

J. L. Thomas is on a trip to Portland.

J. D. Pilkington is in San Francisco on a flying trip from Portland. Mr. Pilkington is shipping large quantities of bay trees in boxes to California. G.

Other Notes.

Felix Gonzalez, 600 Crescent avenue, has at the present 25,000 square feet of glass and intends to build another house 18x110.

J. T. Shepherd, 563 Thirteenth street, Oakland, has gone into insolvency.

Alex. Mann, Jr., 1441 Polk street, now has an up-to-date new store front, fifteen feet of plate glass, making one of the handsomest stores on Polk street.

Two of our leading florists, Antoine Figone and Chas. Cohen, have formed a partnership and will open a store at 248 Sutter street on September 1.

Cleis & Jacobsen, 1180 McAllister street, have moved to a large store at 942 Fillmore street. In connection with their cut flower business they carry a full line of seeds, trees and plants.

There are about fourteen Japanese growers of cut flowers in and around San Francisco, three in Berkeley, eight in East Oakland, Elmhurst and Fitchburg, and three in San Francisco. The largest of these growers is Domoto Bros., who have two nurseries, one in East Oakland, of 55,000 square feet of glass, and another at Fitchburg, of 70,000 feet of glass. They are now building four more houses 25x300. They carry the largest stock of Japanese plants and palms on the coast. There are six Japanese engaged in the retail florists' business in the city at the present time.

The Haight Street Florist, formerly of 316 Fillmore street, has moved to a large and handsome store at the corner of Fillmore and Haight streets. M. A.

ROCKFORD, ILL.—The park committee of the city council last spring gave H. W. Buckbee an order for planting at the Fairgrounds park. When a bill for $257 was received they held up their hands in horror. Mr. Buckbee declares the charge is moderate for the job.

EASTON, PA.—When President Roosevelt passed through here recently the Fraternal Order of Eagles presented him with a very fine basket of roses, carnations and asters. It was nearly five feet high and more than three feet through, the work of Paul Kaffke, of A. F. Raub & Co.

CAMDEN, N. J.—A meeting of the creditors of the Peacock Co. has been called by the trustees for August 31.

MANSFIELD, PA.—Mrs. Robert Crossley is adding another house 18x115. Business has been quiet during the summer.

VANCOUVER, B. C.—M. J. Henry and a party of friends are "tenting on the old camp ground," the banks of the Lillooet river, one of the finest trout streams in the world.

CLEARING SALE

CALLA BULBS

RIPE, FINE BULBS	Per 100	Per 250
Calla Bulbs, 1 in. diameter . .	$3.00	$7.50
Calla Bulbs, 1½ in. diameter . .	4.00	10.00
Calla Bulbs, 2 in. diameter . .	5.00	12.00
Calla Monsters, 3½ in. diameter	10.00	20.00
Elliott's Little Gem, Dormant .	1.20;	per 1000, $10

The above are the Ripest Bulbs we have had this season. Freight Prepaid. If wanted by express add $1.00 per 100. Cash.

A. MITTING, 17 to 23 KENNAN ST. Santa Cruz, Cal.

Mention The Review when you write.

Hannah Hobart

THE PRIDE OF CALIFORNIA.

THE GRANDEST OF PINK CARNATIONS.

A shade deeper in color than Lawson, blooms four to four and one-half inches across, full and regular. Stems long and strong. Does not burst the calyx. Growth free and easy. A prolific bloomer. Its flowers wholesale for a higher price than any other carnation in the San Francisco market. (See illustration and full description in Florists' Review of June 8, 1905.) Orders for rooted cuttings booked now and filled in rotation beginning Jan. 1, 1906, at $3.00 per 12; $15.00 per 100; $120.00 per 1000.

JOHN H. SIEVERS & CO., 1251 Chestnut St., San Francisco, Cal.

Mention The Review when you write.

ALEX MANN, Jr.

Importer and Dealer in

Florists' Supplies

AND CUT FLOWERS AT WHOLESALE

1441 POLK STREET

Tel. East 641 SAN FRANCISCO

Mention The Review when you write.

Choice California Seeds

ASPARAGUS PLUMOSUS NANUS	High-grade, absolutely fresh and plump,	$0.30 per 100; 1.50 per 1000; 10.00 per 7000

CARNATIONS, HAND-HYBRIDIZED—An assortment of the best varieties from vigorous stock—should bloosom in 4 months—⅛ oz., $3.00. Cash, please. Money back if not satisfied.

F. Gilman Taylor, Glendale, Cal.

Mention The Review when you write.

FREESIAS

All Sizes, including Large 5/8 Bulbs

Ready for immediate delivery. Also Grand Duchess Oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers.

REES & COMPERE, P. O. Address, R. D. 1, Long Beach, Cal.

Mention The Review when you write.

Calla Bulbs!

for present delivery.

Paper White Narcissus

for fall delivery. Send for price list.

F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

PITTSBURG.

The Market.

The weather is most delightful, leaving nothing to be wished for in that line, but trade remains in that dormant August state we all know well. Someone calls it the "August bridge," but we are hoping now that it will not run into September. The only cry seems to be for white asters; pink asters are to be had by the thousands, but white are very scarce.

Various Notes.

The stragglers from the S. A. F. convention are all home and report having had a good time, with nothing but kind words for the Washington and Baltimore people.

Mr. Darnell, manager of the J. M. Gasser Co., who had been down in Kentucky, visiting his parents, gave us a "look in" last week. He is as ever the "genial gent."

Our five and ten-cent stores are making a run on water hyacinths. Fine large plants at 10 cents each.

Harry Graves is back with Siebert after spending a couple of months in Canada and Michigan, where he has bottled up enough energy to keep him going another year.

Joe Byerly, of Randolph & McClements', is doing stunts in Indiana county.

Karl Klinke, of the Pittsburg Cut Flower Co., has returned from his vacation in New York. Hoo-Hoo.

Those readers who send queries and do not sign name or address should remember that they thereby make it impossible that they be answered.

PANSIES

Brown's extra select superb Giant Prize Pansies, awarded Silver Medal, St. Louis Exposition 1904, plants, mixed colors, in any quantity, $3.00 per 1000.

SEED—3000 seed, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00. Cash with order.

PETER BROWN, Lancaster, Pa.

Mention The Review when you write.

PRIMULA BUTTERCUP

2-inch, $3.00 per 100.

FIELD-GROWN CARNATIONS. FINE PLANTS

Peru, white.....$4 00 per 100

A fine stock of BOSTON FERNS in 2½-in. pots, $4.00 per 100. 4-in. pots, $2.00 per doz.

A. JABLONSKY, WELLSTON, MO.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

CARNATIONS OUR SPECIALTY

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Carnations

PLANTS FROM THE FIELD

Lady Bountiful	Harlowarden
Moonlight	Roosevelt
Vesper	Enchantress
The Bride	Indianapolis
Queen	Joost
Mackinac	Lippincott
Queen Louise	Adonis
Lorna	Flamingo
Flora Hill	Prosperity
Norway	Mrs. Patten

Plants ready for delivery. State quantity you can use of each variety and we will quote prices. All the stock we are offering is in good condition.

JERUSALEM CHERRIES

4-inch pots, bushy, compact plants, $8.00 per 100.

Asparagus Plumosus

2½-in., $3.00 per 100; 3-in., $5.00 per 100; 4-in., $6.00 per 100.

The LEO NIESSEN CO.

1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

CINERARIAS

Very fine, strong, 2-in., $2.00 per 100.

CHINESE PRIMROSES Finest grown, 2-in., $2.00 per 100.

CYCLAMEN GIGANTEUM Finest Giants, $4.00 per 100.

XXX SEEDS

CHINESE PRIMROSE

Finest grown, mixed, 500 seeds, $1.00; ⅛ pkt., 50c.

GIANT DAISY Finest giant, mixed, 1000 seeds, 25c.

GIANT PANSY The best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of Giant **Mme. Perret** pansy seed added to every $1.00 pkt. of Giant Pansy. Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

5-in. Boston Ferns

$3.50 per doz., $25.00 per 100.

3-in. Asp. Plumosus Nanus

$1.00 per doz., $7.00 per 100.

D. U. Augspurger & Sons, P.O. Box 778 **Peoria, Ill.**

Mention The Review when you write.

NEW SEEDLING GERANIUM **"TIFFIN"**

The freest blooming of all single scarlet geraniums. Foliage is a medium shade of green—no zone. Has been tested for eight years and found A-1 in all respects. Will sell on sight. Will be introduced and delivered strictly in rotation beginning February 1, 1906. Strong 2-in plants, $2.25 per doz; $15.00 per 100. Orders booked now.

S. S. Skidelsky, 824 N. 24th St., Philadelphia, Pa.

Lewis Ullrich, 181 Sycamore St., Tiffin, Ohio.

SCOTTII Ferns

Strong, well-rooted runners, $4.00 per 100 or $35.00 per 1000.

Davis Bros., Morrison, Ill.

Mention The Review when you write.

Araucaria Excelsa

OUR SPECIALITY.



Fill your empty houses now and make 100 per cent on your money while you sleep. **Notice**—When you undertake anything, do it well or not at all. This is our motto adopted 10 years ago when we imported the first lot of this well known pot plant, the

Araucaria Excelsa

from Belgium.

These everlasting green foliaged pot plants are growing more in favor by the tasteful plant buyers of this land from year to year. Please watch the growth of our importation during the last 10 years: first year 100, second 250, third 500, fourth 1000, fifth 2,000. This year (1905) which is the 10th anniversary of our first importation, our spring importation amounted to 5,000. All these are grown for us under contract by an Araucaria specialist in Belgium. I must say for the benefit of my customers that they were never before so nice and large for the money as this year. I herewith quote you special prices on these, in or out of:

	Each
5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers	$0.50
5½-in. pots, 13 to 15 in. high, 3 to 4 tiers	.60
6-in. pots, 16 to 18 in. high, 3 to 4 tiers	.75
6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers	1.00
6½-in. pots, 20 to 24 in. high, 5 to 6 tiers	1.25

A few of many testimonials recently received:

Canon City, Colo., July 29, 1905.

Mr. Godfrey Aschmann, Philadelphia, Pa.

Dear Sir—My order for Araucaria Excelsa arrived in fine condition. They were all right. Accept my thanks. E. R. BESS.

52 William St., Burlington, Vt., Aug. 19, 1905.

Godfrey Aschmann, Philadelphia, Pa.

Dear Sir—We received the Araucarias in first-class shape. They are fine stock. Now we would like your price on Kentia Belmoreana, Ficus Elastica, Azaleas, Scottii Ferns. Like to buy all our stock at one place. Thanking you for your good wishes,

Yours for business, TONER & SANBORN.

Araucaria Compacta Robusta, unusually large, very beautiful, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each.

Araucaria Excelsa Glauca 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each.

Kentia Forsteriana. 30 to 36 in. high, 4-yr. old, $1.00; 4-yr. old, 25 to 30 in. high, 75c; 4-in. pots, made up, 3 in pot, about 10 leaves in all, 20 in. high, 25c. **Belmoreana,** 4-yr. old, 25 to 30 in. high, $1.00 each. Above are the sizes entered in the Philadelphia Customs House. Made-up plants (large one in center, 3 smaller ones around), 7-in. pots, $1.50 to $1.75 each.

Ficus Elastica. Imported, 4-in. pots, 25c.; 5 and 5¼-in., 35c. and 40c. each; 6-in. pots, very fine, 50c each.

Adiantum Cuneatum, (Maiden hair fern), 4-inch pots, ready for 5 or 6-in., very strong, at 12c to 15c; 5-in., strong, 25c.

Asparagus Plumosus Nanus, 3-inch pots, $7.00 per 100.

Cocos Weddelliana. 3-in., 15c. By doz. or 100.

Areca Lutescens, made up, 5½-inch pots, very fine, 40c to 50c each. 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c. 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c.

Boston Ferns, 5-in., 30c., 35c. and 40c. each; 4-in.. 20c. **Piersoni Ferns,** 6-in., 50c; 4-in., 20c. **Scottii Ferns,** 6-in., 75c; 4-in., 25c.

Cash with order, please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN,

Importer and Wholesale Grower of

POT PLANTS.

1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

GIANT CYCLAMEN SEED

New stock just arrived from Europe. **Finest Quality Mixed,** 55c per 100; $4.50 per 1000.

PRIMULA. Quality Guaranteed.

Forbesi, fine 2-inch, 2c

Obconica Grandiflora, finest fringed seedlings, strong, Alba and Rosea, 75c per 100, mail; Alba, 2-in., 2c.

ALYSSUM. Double Giant, 2¼-in., 2c.

ASPARAGUS Sprengeri, for 3-in., 2c.

HOLLYHOCKS, Double, 5 leading colors, guaranteed extra fine and to bloom next season, $5.00 per 100.

GIANT PANSIES, finest quality guaranteed. This strain is the very finest on the market, better than last year, which were the finest in Jacksonville, Fla. An order for 20,000 tells the best tale. $3 00 per 1000; 2000 for $5.00. Cash.

BYER FLORAL CO., Shippensburg, Pa.

Mention The Review when you write.

THE FLORISTS' HAIL ASS'N HAS PAID $97,000.00

for glass broken by hail in the past eighteen and a half years. For particulars address

JOHN G. ESLER, Sec'y, Saddle River, N. J

Mention The Review when you write.

FIELD-GROWN

Carnations

First-class, clean, healthy plants.

	Per 100	Per 1000
MRS. LAWSON	$5.00	$45.00
MRS. NELSON	5.00	45.00
GUARDIAN ANGEL	5.00	40.00
FLORA HILL	5.00	40 00
WHITE CLOUD	5.00	40.00
QUEEN LOUISE	5.00	40.00

Rose Plants

One year old, bench plants cut down, roots carefully packed in moss.

	Per 100.	Per 1000.
AMERICAN BEAUTY	$3.50	$30.00
LIBERTY	3.50	30.00
GOLDEN GATE	3.50	30.00

GEORGE REINBERG

Wholesale Grower and Shipper of

CUT FLOWERS,

51 Wabash Ave., CHICAGO

Mention The Review when you write.

FOR SALE

FINE, BUSHY

Carnation Plants

Out of Field. Clean Stock.

BOSTON MARKET	5c each
QUEEN LOUISE	5c each
ENCHANTRESS	6c each
LAWSON, pink	6c each
FLAMINGO	10c each
LADY BOUNTIFUL	10c each
WHITE LAWSON	10c each

STRONG 4-INCH MAIDS
clean stock to close out at $6.00 per 100 until sold.

Pittsburg Rose and Carnation Co.
CRYSTAL FARM,
P. O. Address, GIBSONIA, PA.

Mention The Review when you write.

Field-Grown CARNATIONS, strong

Enchantress and Flamingo, $7.00 per 100.
Prosperity 5.00 "

ASPARAGUS SPRENGERI,
From 4-inch pots, $5.00 per 100.

James Patience, Noroton Heights, Conn.

Mention The Review when you write.

Carnations..

40 FISHER	5c each
175 QUEEN LOUISE	5c each
75 PROSPERITY	5c each
475 WOLCOTT	5c each

Fine healthy stock. Speak quick.

ADAM LAUB & SON,
Hughsonville, Dutchess Co., N. Y.

Mention The Review when you write.

CAPE JASMINE GARDENIA FLORIDA

Strong and stocky plants, 3 to 6-inch, $2 00 per 100; $18.00 per 1000.

JOHN MONKHOUSE Caddo Nurseries, Jewella, La.

ABUNDANCE

The Most Wonderfully Prolific Carnation Ever in Existence.

It hasn't any prizes, certificates of merit, medals or anything of that sort to recommend it; but it has nine years of wonderfully prolific life to its credit, which the certificated, bemedaled varieties have not when first offered to the trade. I have grown it exclusively ever since I got stock enough to fill my house with, and intend to grow no other variety while "Abundance" pays me so well. It is as strong, healthy and prolific today, as in the first years of its life. The color is a pure white, very fragrant, of medium size, 2½ inches in early fall and winter, reaching 3 inches in late winter and spring, with a stem 14 inches in fall, stretching to 2½ and 3 feet in winter and spring. It has the slim, wiry growth of Lizzy McGowan of which it is a seedling crossed by Wm. Scott, but it surpasses its parents by far in blooming quality, in fact there isn't anything with which to compare in that respect It is an exceedingly free, rapid and healthy grower. Has never been subject to stem rot or any other disease, can be transplanted at any time or in any way without the care and fuss which have to be bestowed on the heavy, sappy varieties, as it takes hold of the new situation at once and never turns a leaf yellow. Is an absolute non-cropper: but is literally loaded with shoots in all stages of development, from the time they are benched until thrown out in summer. It is not an untried variety that is barely brought into existance until it is put on the market only to disappear in a year or two; but it is one by which I have earned my living for years and is likely to do for some years to come, it is a carnation for the bread-winner and not for the fancier.

Price, $10.00 per 100; $75.00 per 1000. Cash with order, please.

Cuttings delivered in strict rotation as soon as rooted, and nothing but first-class stock sent out as I have an abundance of stock to produce from.

R. FISCHER, - - GREAT NECK, L. I., N. Y.

Field-Grown Carnations

FINE, HEALTHY PLANTS

CRISIS, new commercial scarlet, $2.00 per doz.: $15.00 per 100.

FLAMINGO, $10.00 per 100.

QUEEN LOUISE, FLORIANA, PORTIA, PALMER, MORNING GLORY, ELDORADO, SCOTT, DOROTHY, MERMAID, Price, $5.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

MY MARYLAND Pure White

JESSICA Red and White Variegated

TWO GREAT CARNATIONS FOR 1906.

$2.50 per doz.; **$12** per 100; **$100** per 1000.

Are you shrewd in business? Yes? Then write us immediately concerning these two great carnations.

THE E. G. HILL CO. RICHMOND, IND.

THE H. WEBER & SONS CO. OAKLAND, MD.

Mention The Review when you write.

Carnations FIELD-GROWN

700	The Belle	$10.00 per 100;	$95 00 per 1000	
2000	Flamingo	8 00 "	75.00	"
500	Mrs. Patten	8 00 "	75 00	"
600	Nelson Fisher	8.00 "	75 00	"
500	Estelle	7.00 "	65 00	"
1000	Mrs. Nelson	6 00 "	55.00	"
100	Lawson	6 00 "		
200	Boston Market	6 00 "		
1000	White Cloud	6.00 "	55 00	"

CHRYSANTHEMUMS

300 Wm. Duckham, 150 F. S. Vallis, 75 Millicent Richardson, 150 C. H. Diedereich, 2-inch, $2.50 per 100.

ROSE PLANTS.

100 4-inch Perles, $7.00; 200 3-inch Brides, $4.00 per 100; 150 2½-inch Gates, 125 2½-inch Ivory, $3.00 per 100.

FERNS. Boston, 3-inch, $6 00; 4-inch, $12.00. Piersoni, 3-inch, $10.00 Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Carnations

FIELD PLANTS
CLEAN AND HEALTHY

Boston Market (best white), **Glacier** (standard white), **Estelle, Lawson,** $4.00 per 100; $40.00 per 1000.

Asparagus Sprengeri

Extra strong seedlings, 60c per 100; $5.00 per 1000. Cash.

The W. T. Buckley Co., Springfield, Ill.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

The Conard & Jones Co., West Grove, Pa., submits for registration Canna Uncle Sam; orchid-flowering section; color bright red; foliage unusually large; height six to seven feet; flowers stand more cold than the ordinary canna.

A limited space is available for advertisements in the report of proceedings for 1905; page, $25; half page, $15.

WM. J. STEWART, Sec'y.

THE MARKET FOR GLASS.

The window glass market continues firm. Stocks in jobbers' hands have become very much depleted, and it is difficult to procure a good assortment. Glazing sizes, twenty-four, twenty-six and twenty-eight inches, are particularly scarce and sometimes command a premium, though prices are still quoted at 90@90 and 10 on the first two brackets single and on double B, at 89 per cent on all other sizes of B, and 88 per cent on all glass off the October, 1903, list. In the west demand is in excess of the supply and prices there rule at a premium of ten to fifteen per cent above these figures.

The wage scale for next season has not yet been altogether settled. As manufacturers have little or no stock available, it looks as if the situation may become acute if arrangements are not soon made to resume work at the factories.

A meeting of the Eastern Window Glass Jobbers' Association will be held at Atlantic City September 1 to discuss the general situation.

LINCOLN, ILL.—C. E. Gullett, of W. H. Gullett & Sons, is in Mercy hospital, Chicago, receiving treatment for a severe case of bowel trouble. It is feared an operation will be necessary.

Field-grown Carnation Plants

White—Queen Louise, The Queen, Boston Market, Vesper.
Pink—Lawson, Floriana, Enchantress, Fair Maid, Indianapolis.
Crimson—Harlowarden.
Variegated—Prosperity, Mrs. Patten.
Scarlet—Flamingo.
Red—Cardinal, Eventide.

TRUE STOCK. Prices on application.

SAMUEL S. PENNOCK,
1612 Ludlow Street, PHILADELPHIA.
Mention The Review when you write.

FIELD-GROWN SINGLE
VIOLET Plants
Princess of Wales and Dorsett,
$6.00 per 100; $50.00 per 1000.

FIELD-GROWN
CARNATION PLANTS

Glacier	$45.00 per 1000
Peru	35.00 per 1000
Morning Glory	45.00 per 1000

ELI CROSS, GRAND RAPIDS, MICH.
Mention The Review when you write.

FIELD-GROWN CLUMPS AND STRONG ROOTS
HARDY HERBACEOUS PLANTS
GRAND STOCK IN EVERY SENSE—COULD NOT BE BETTER

Canterbury Bells (Campanula Media)	$5.00 per 100
Foxglove (Digitalis purpurea and Gloxinoides)	5.00 per 100
Blue Jay Flower (Veronica longifolia subsessilis)	6.00 per 100
Hardy Phlox, in 15 choicest named varieties	5.00 per 100
Kelway's English Larkspurs (Delphinium Hybridum)	8.00 per 100
Delphinium formosum, old fashioned Blue Larkspur	6.00 per 100
Golden Columbine (Aquilegia chrysantha)	6.00 per 100
Golden Marguerite (Anthemis) two varieties	4.00 per 100
Asclepias tuberosa, transplanted roots	5.00 per 100
Coreopsis lanceolata	3.50 per 100
Anemone Japonica, six varieties	6.00 per 100
Shasta Daisy	5.00 per 100
Sweet William (Dianthus barbatus)	5.00 per 100
Hardy Pinks, 4 varieties	6.00 per 100
Gaillardia grandiflora compacta (new dwarf)	5.00 per 100
Rose Loosestrife (Lythrum roseum superbum)	5.00 per 100
Oriental Poppy (Papaver Orientale)	6.00 per 100
Dragon head (Physostegia Virginica and alba)	5.00 per 100
Painted Daisies (Pyrethrum roseum)	8.00 per 100
Purple Cone Flower (Rudbeckia purpurea)	7.00 per 100
Cardinal Flower (Lobelia Cardinalis)	5.00 per 100
Stokesia Cyanea	6.00 per 100

The above offer is special and is for a short time only. Write for prices on Peonies, Iris, Hollyhocks, Hardy Grasses or any other class or variety of Hardy Perennial you may need.

J. T. LOVETT, LITTLE SILVER, N. J.
Mention The Review when you write.



Fine Field-Grown CARNATIONS

FIRST SIZE	Per 100
M. A. PATTEN	$7 00
ENCHANTRESS	6.00
MRS. LAWSON	5.00
FAIR MAID	5.00
QUEEN LOUISE	5.00
THE QUEEN	5 00
GENEVIEVE LORD	4 00
NELSON	5 00
LILLIAN POND	5.00

SECOND SIZE	Per 100
ENCHANTRESS	$3.50
MRS. LAWSON	3.00
QUEEN LOUISE	3.00
GENEVIEVE LORD	2.50
INDIANAPOLIS	3.00
VESPER	3.00
BOSTON MARKET	3.00

Also 50 fine plants of Harlowarden at $5.00 per 100 rate.
100 fine plants of Mrs. Higinbotham at $5.00 per 100.

Please mention "Review;" also whether by Adams, American or U. S. Express.
Cash with order, please, or C. O. D.

CHAS. T. SIEBERT, Stanton Ave., Pittsburg, Pa.
Mention The Review when you write.

FIELD-GROWN Carnation Plants

	Per 100	1000
Lawson	$6.00	$50.00
Nelson	5.00	40 00
Morning Glory	5.00	40.00
Guardian Angel	5.00	40.00
Crusader	$5.00	$40.00
Queen Louise	5.00	40.00
Flora Hill	5.00	40.00

All plants sold under express condition that if not satisfactory when received, they are to be immediately returned, when money will be refunded.

ASPARAGUS

	Per 100	1000
Plumosus, 3½-inch	$5 00	$45 00
Sprengeri, 3½-inch	5 00	45 00

PETER REINBERG, 51 Wabash Ave. CHICAGO
Telephone 2846 Central
Mention The Review when you write.

Helen Goddard
The coming commercial pink carnation, rooted cuttings ready Jan. 1, 1906. $10.00 per 100; $75.00 per 1000.
S. J. GODDARD, FRAMINGHAM, MASS.

FIELD-GROWN CARNATIONS
Extra fine plants of the following varieties, free from all disease—no stem-rot.
Nothing cheap but the price.

	Per 100		Per 100
200 Enchantress	$6.00	100 Glacier	$5.00
300 Lawson	5.00	400 Scott	4.00
300 Joost	5.00	100 Morning Glory	4.00
100 Estelle	5.00	100 Flora Hill	5.00
100 White Cloud	5.00	Cash with order, please.	

C. W. ESPY & SON, BROOKVILLE, PA.



WHERE THE KENTIAS GROW AT WYNCOTE (near Philadelphia), PA.

KENTIAS AS GOOD AS CAN BE GROWN

They are **CLEAN, VIGOROUS and STOCKY** and while **sold as low,** are not to be confounded with the **imported, drawn stock so generally advertised. Come and See Them Grow and place your order for FALL DELIVERY.**

KENTIA BELMOREANA	Each.	Per doz.	Per 100
5-inch, 6 to 7 leaves, 18 to 20 inches high		$6.00	$50.00
5-inch, 6 to 7 leaves, 20 to 22 inches high		9.00	75.00
6-inch, 6 leaves, 22 to 26 inches high	$1.00	12.00	
6-inch, 6 to 7 leaves, 26 to 28 inches high	1.25	15 00	
6-inch, 6 to 7 leaves 30 to 32 inches high	1.50	18 00	
7-inch, 6 to 7 leaves, 34 to 36 inches high	2.50	30.00	
8-inch 6 to 7 leaves, 36 to 40 inches high	3.00		
9-inch, 6 to 7 leaves, 42 to 48 inches high	5.00		

KENTIA FORSTERIANA Made Up Plants	Each
7-inch pot, 4 plants in pot, 32 inches high	$2.00
8-inch pot, 4 plants in pot, 36 inches high	2.50
8-inch pot, 4 plants in pot, 42 inches high, heavy	3 50
10-inch pot, 4 plants in pot, 48 to 54 inches high, heavy	5.00
10-inch pot, 4 plants in pot, 60 inches high	6.50
12 inch tub, 4 plants in tub, 5 to 6 feet high, heavy	12 50
12-inch tub, 4 plants in tub, 6 to 7 feet high, heavy	15.00

JOSEPH HEACOCK, - WYNCOTE, PA.

ROSES

Chatenay, Golden Gate and Uncle John, 2½-inch, $3.50 per 100. Chatenay, Maid, Gate and Uncle John, 3½-inch $5.00 per 100. Liberty, 4-inch, good stock, $10.00 per 100.

Chrysanthemums

2½-inch, GOOD YOUNG STOCK — Kalb, Willowbrook Robinson, T. Eaton, Bonnaffon, Monrovia Kimberly, Plumridge, Etherington, Shaw, Quito, Hanham, Coombes, Shrimpton, while they last $2.50 per 100.

NEW VARIETIES — Emily Mileham, 2½-inch, at $3.00 per doz.; $20.00 per 100. Dr Enguehard, Leila Filkins, at $3.00 per 100, from 2½-inch.

Field-Grown Carnations

We have some extra fine Prosperity, field-grown carnations for sale at $6.00 per 100. Other varieties all sold out.

STEVIA

Good plants, 2½-inch, at $2.50 per 100; $22.50 per 1000.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Mention The Review when you write.

The Beautiful Pink Carnation

Candace { $ 2.00 per doz. / 12.00 per 100 / 100.00 per 1000

Dissemination 1906. Wonderfully productive.

INDIANAPOLIS FLOWER & PLANT CO. and JOHN HARTJE, Indianapolis, Ind.

Always mention the Florists' Review when writing advertisers.

60,000 GRAFTED ROSES For Forcing

Extra fine, healthy plants, free from mildew.

BRIDES, BRIDESMAIDS, GOLDEN GATES, KAISERINS, 3½-inch pots, $15.00 per 100; $145.00 per 1000.

20,000 Own Root ROSES

SUNRISE, 3-inch pots, $9.00 per 100.
BRIDES, MAIDS, KAISERINS, 3-inch pots, $7.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

Choice Northern Field-Grown

ROSES

Also Rose Plants

leading varieties out of 2½-inch pots, at prices which will interest you.

C. M. Niuffer, Springfield, O.

Queen Beatrice

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN

CARNATIONS

Enchantress, $6 00 per 100. Gov. Wolcott, $5.00 per 100. Queen Louise, Flora Hill, Crane, Marquis, Eldorado, Mary Wood, Lillian Pond, $4 00 per 100.

Also field-grown hardy **PHLOX,** 10 extra fine named varieties, $5.00 per 100.

ASPARAGUS PLUMOSUS, 2½-in., $2.50 per 100; 3-in., $4.00 per 100.

DRACAENA INDIVISA, 2½-in., $2.50 per 100; 3-in., $4.00 per 100.

The National Plant Co., Dayton, Ohio

BRIDES

3-inch pots, $3.50 per 100.

D. WOOD BRANT, W. Peterson and N. 48th Ave., Chicago.

CINCINNATI.

The Market.

There were some nice funeral orders in during the past week, but trade was about as quiet as we ever see it in the wholesale line. The supply of stock, such as it was, was large enough but good stock was scarce. Semple's asters are coming in and some very good stock is to be had, but there is a big percentage that is bad. The best which comes from the north, are not in yet but will be due shortly.

Various Notes.

Julius Baer, with his wife and son, has been touring the lakes. While at Niagara Falls they were in a trolley car smash-up, but luckily all escaped with a few bruises.

Nick Weber is home from a trip north and reports business fair.

Chas. Jones has been putting his Walnut Hills store in shape to be ready for the fall trade, which will begin to open up soon.

Miss Cronin, of Covington, has everything in good shape in her new store and is looking forward to a prosperous season.

R. D. Ruttle, of Covington, reports a fine trade, mostly funeral work.

H. D. Edwards is still on the sick list, but is some better. His business is being run by his wife, who is managing it very successfully and reports the summer trade as having been quite up to the average.

E. G. Gillett and family have returned from a two weeks' trip through the east. They report having had a fine time, especially at Washington during the convention.

Harry Papworth, of New Orleans, called on his way home from the convention. Fred C. Weber, St. Louis, was also a caller. He was on his way to Boston and Atlantic City.

The next meeting of the Florists' Society will be held in the club rooms on Saturday evening, September 9. Many interesting subjects will be discussed.

C. J. Ohmer.

When I am in need of anything I always look for it in the Review.—J. W. Alexander, Charleston, W. Va.

VEGETABLE, GREENHOUSE and BEDDING PLANTS

Vegetable Plants

CABBAGE in any quantity. Wakefield, Succession, Early and Late Flat Dutch, etc. $1.00 per 1000; $8.50 per 10,000.

PARSLEY Moss Curled, 25c per 100; $1.25 per 1000.

CELERY In any quantity. White and Pink Plume, Giant Pascal, Golden Heart, Boston Market and other varieties, $1.00 per 1000; $8.50 per 10,000.

MISCELLANEOUS Plants

2¼-inch stock in A-1 condition.

Alyssum, Giant and Dwarf; **Heliotrope, Lantana, Swainsona** alba and rosea; **Plumbago**, blue and white. $2.00 per 100; $17.50 per 1000.

Hardy Chrysanthemums

Field-grown plants, ready for bedding or greenhouse blooming. $1.00 per doz.; $6.00 per 1000.

GERANIUMS

	Per 100		Per 100
Brusanti	$2.00	Mme. Charrotte	$2.00
Centaure	2.00	Mme. Jaulin	2.00
LeCid	2.00	Mme. Landry	2.00
Ryecroft's Surprise (Ivy)	2.00	Madonna	3.00
Gloire de France	2.00	Marquis de Castellane	3.00
Jean de La Brete	3.00	Miss F. Perkins	2.00
Jean Viaud	2.00	Miss Kendell	3.00
M. Jolly de Bammeville	4.00	S. A. Nutt	2.00
Mme Barney	2.00	Granville	2.00
Mme. Canovas	2.00	Mrs. E. G. Hill	2.00
		Queen of the West	2.00

We will send 1000, 50 each of the above, for $18.00, or 500, 25 each, for $10.00.

TELEGRAPH (Geranium), $1.00 per doz.; $6.00 per 100.

Send for descriptive price list.

Not less than five of any one variety sold. Cash with order, please.

Come and see our stock. We are at Chase. P. B. & W. R. R., or Cowenton, Philadelphia Division of B. & O. R. R., fourteen miles Northeast of Baltimore, Md. Send us word and we will meet you.

R. VINCENT, JR. & SON, WHITE MARSH, MD.

Mention The Review when you write.

Ferns, Asparagus, Poinsettias, Etc.

Asparagus Plumosus, 2½-in., $3.00 per 100.
Sprengeri, 2½-in., $2.50 per 100.
Grevillea Robusta, 2½-in., $3.00 per 100.
Poinsettia, 2½-in., $5.00 per 100.
Small Ferns for Ferneries—All the best and most hardy varieties—Strong, bushy plants, $3.00 per 100; $25.00 per 1000.
Primula Obconica, grand strain, 2½-in., $3.00 per 100.
Primula Sinensis, large-flowered, 2½-in., $3.00 per 100.
Send for Price List No. 5.

Geraniums—Full list of new and standard varieties—late spring struck plants, $3.00 per 100.
Boston Ferns—Plants from bench—short, stocky plants, 4-inch pot size, $15.00 per 100; 5-inch pot size, $25.00 per 100. No better way to buy than from the bench, if stock is like ours.
Begonias, flowering, in variety, $3.00 per 100.
Hydrangea Otaksa, strong plants from field, bushy, good, for 6 to 7-inch pots, $12.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

SMALL FERNS for Fern Dishes, in 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

P. Chinensis in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Obconica Grandiflora Rosea and Fimbriata, in 2½-in. pots at $3.00 per 100; $25.00 per 1000. P. Forbesi in 2½-in. pots at $2.50 per 100.
CELESTIAL PEPPERS (just the thing for Christmas) in 2½-in. pots at $3.00 per 100; $25.00 per 1000.
SMILAX in 2¼-in. pots at $2.00 per 100. Cash with order.
All the above mentioned stock are strong plants ready for a shift.

GARFIELD PARK FLOWER CO. (Not Inc.) Frank Oechslin, Prop.

1688 WEST MADISON STREET, CHICAGO.

Mention The Review when you write.

Asparagus Pl. Nanus

Seedlings from flats.....$6.00 per 1000
Transplanted seedlings, large.....12.00 per 1000
SPRENGERI SEEDLINGS.... 6.00 per 1000
Large, transplanted.....10.00 per 1000

Yalaha Conservatories, Yalaha, Lake Co., Fla.

Cyclamen Giganteum

large flowering, extra fine plants, ready to shift, 3-inch, $5.00 per 100.
Primroses, Chinese and Obconica, 2¼-inch, $2.00 per 100; 3-inch, $3.00 per 100.
Asparagus Sprengeri, 2¼-inch, $1.50 per 100; 3½-inch, $5.00 per 100.

Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Plumosus

Nice bushy stock, present delivery, from 2½-in pots, $3.00 per 100; $25.00 per 1000. Cash or satisfactory references. Satisfaction guaranteed.

BAUR FLORAL CO., ERIE, PA.

Plumosus

TO CLOSE OUT

balance of stock of Plumosus, I OFFER FINE LARGE CLUMPS, while they last, at 5c each.

SAMUEL J. BUNTING

Elmwood Ave. and 58th Street **Philadelphia, Pa.**

Mention The Review when you write

Field Carnations CHOICE PLANTS

Nice bushy plants of Norway, Lawson, Prosperity, Armazindy, Joost, etc., at $5.00 per 100; $45.00 per 1000. Good stock grown on new ground.

ROSES! ROSES!

Brides and Maids, extra fine, 4-in., $8.00 per 100.
Brides and Maids, strong, 3-in., $3.50 per 100; $30.00 per 1000.
Ivory and Gate, very choice, 3-in., $4.00 per 100; $35.00 per 1000.
5-inch **Asparagus Plumosus**, good, $25.00 per 100. Strong 3-inch **Smilax**, $4.00 per 100. 3-inch **Sprengeri**, $1.00; 4-inch, $7.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Nephrolepis Barrowsii

$25.00 per 100.

Scottii $10.00 per 100

Henry H. Barrows & Son

WHITMAN, MASS.

Mention The Review when you write.

MISCELLANEOUS STOCK.

BOSTON FERNS, PALMS, DRACAENAS, GERANIUMS, COLEUS and general bedding stock in large quantities. Write for prices. Cash or reference.

L. H. FOSTER ESTATE,

45 King St., DORCHESTER, MASS.

Queen Beatrice

Boston Ferns

FINE STOCK FROM BENCH

Ready for 5-inch pots, $3 per doz.; $25 per 100.

BOSTONS, from 6-inch pots, $6.00 per doz.; 7-inch, $9.00 per doz.; 8-inch, $15.00 per doz.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	3½	12-14	5-6		$2.00	$15.00
" "	4	15-17	5-6		3.60	30.00
" "	6	24-26	6-7	$1.25	15.00	
" "	7	32-34	6-7	2.50	30.00	
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	4	18-20	3-5	.30	3.60	
" "	5	24-26	4-6	.60	7.20	
" "	6	26-30	5	1.25	15.00	
" "	10	48-56	6-7	7.00		
Latania Borbonica	3				1.00	7.00
" "	3½	11-13	4-5		1.50	12.00
" "	8	30-34	7-8	1.50	18.00	
Phoenix Canariensis	8			2.50		
Phoenix Reclinata	6				9.00	
Araucaria Excelsa	4		2-3 tiers.	.50	6.00	
" "	5		3-5 tiers.	.75	9.00	
" "	6		3-5 tiers.	1.25	15.00	
" " Compacta	6		3 tiers.	2.00		
Cocos Weddelliana	3				2.50	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
" "	7			1.00	12.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Veitchii	6			$1.50	$18.00	
" "	7			2.00	24.00	
" "	9			3.00	36.00	
Poa Trivialis Var	3	Fine for Ferneries				$6.00
Cibotium Schiedei	6			1.50	18.00	
"	7			2.00	24.00	
Dracaena Indivisa	4				1.50	12.00
"	5			.25	3.00	
Dracaena Fragrans	4				3.60	
" "	5				5.00	
" "	7				9.00	
" Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" Sprengeri	4				1.25	10.00
" "	5				2.00	15.00
Fittonia Verschaffeltii	2	Fine for Ferneries				5.00
Maranta Massangeana	2	" "				5.00
Boston Ferns 2 runners						4.00
Japanese Fern Balls, in leaf					4.00	

NEPHROLEPIS BARROWSII strong, stocky plants, 2½-in., $25.00 per 100

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Thirty Acres BEST HARDY PERENNIALS

For commercial and private use; fall and spring delivery. Field-Grown Clumps—Having a very large stock which we wish to turn into cash we will make extremely low prices on application. Achillea Pearl, Alyssum Saxatile, Anemone Japonica (in variety), Aquilegia (in variety), Asters (hardy), Campanula, Chrysanthemums, Delphinium, Dianthus, Hollyhock (double and single), Gaillardia (Grandiflora), Helianthus (5 sorts), Hemerocallis (6 sorts), Poppy Orientalis and others, Primula Veris Sup. and others, Pyrethrum Roseum, Phlox (largest assortment in U. S.), Peonies (all types) Rudbeckia (Golden Glow and others), Stokesia Cyanea, Tritoma (in variety), Vinca Minor and all others of commercial value. Also in excellent condition, a good stock of Deciduous Shrubs, Specimen Evergreens and Standard Flowering and other trees at reduced prices.

CLUCAS & BODDINGTON CO., Proprietors. PALISADES NURSERIES, Sparkill, N. Y.
131 West 23rd St., NEW YORK. Importers, Exporters and Growers of SEEDS, BULBS and PLANTS.

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MUMS

LAST CALL

We still have a few thousands of Chrysanthemums in excellent condition for planting, including such varieties as:

Viviand-Morel, Convention Hall,
Wm. Duckham, Ivory,
Pink Ivory, Mrs. Murdock,
Maud Dean, Glory of Pacific,
Opah, Polly Rose,

Price, $2.50 per 100; $20.00 per 1000.

We also have a limited quantity of many other sorts.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Pansy Plants

Peter Brown's Prize Strain of Mammoth Blooming Pansies, fine stocky plants, grown in open field. Plants ready about Sept. 10, $4.00 per 1000.

CHARLES S. DUTTON,
85 W. 12th St. Holland, Mich.

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SPRENGERI

2-in., $2.50 per 100.

Sprengeri and Asparagus Plumosus Nanus seedlings, $1.00 and $1.50 per 100, prepaid.

GERANIUMS, R. C.—Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 per 100. 3-in., good as 4-in., $4.00 per 100. Prepaid.

Chas. Gay, Des Moines, Ia.

Mention The Review when you write.

PRIMROSES

Chinese and Obconicas, ready now..$2.00 per 100
Forbesi, Baby..... 2.00 "
P. W. Narcissus, grand., 12 cm., $1.25 per 100; $10.00 per 1000.

ASPARAGUS

Plumosus nanus, 2-inch pots.....$2.00 per 100
Sprengeri, 2-inch pots..... 2.00 "
Shasta Daisy, 2-inch pots..... 2.50 "
Pansy Seed, large flowering..... 4.00 per oz.

Cash. **JOS. H. CUNNINGHAM, DELAWARE, OHIO.**

C. R. HILLS, Grand Rapids, Mich.

	Per 100
Primroses, all varieties, 2¼-in	$2.00
Cinerarias, 2¼-in	2.00
Xmas Peppers, 2¼-in., $2.00; 3-in.	3.50
Asparagus Plumosus Nanus, 3-in.	$5.00
Forget-Me-Nots, field clumps	4.00
Smilax, 2¼-in	1.50

IF IT COMES FROM HILLS, IT'S ALL RIGHT.

Gerbera Jamesoni

I have several hundreds of this always scarce plant to offer from 3 and 4-inch pots at $3.00 per dozen.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

VIOLETS

From 3-in. fine stock, ready now. Princess of Wales, M. Louise and Imperial, $4.00 per 100; $35.00 per 1000.

ROSES

Chatenay, La Detroit and Meteor, from 3-in., $4.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

CELESTIAL PEPPERS

4-in., $15.00 per 100.

Smilax, 2-in	$2.50 per 100
Rex Begonias, 4-in	15.00 per 100
4 Flowering Begonias, 4-in	10.00 per 100
New Barrowsii Fern, 3-in	50.00 per 100

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

NEW BEGONIA

Turnford Hall

from 2-inch pots, $15 per 100; $140 per 1000.

LEHNIG & WINNEFELD, Hackensack, N. J.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

Nephrolepis Scottii

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—2¼-inch, $2.00 per doz.; $15.00 per 100; $125.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ADIANTUMS.

Adiantum Croweanum at ONE-HALF PRICE. The following prices tell the story: Strong plants from 3-in., $2.50 doz.; $15.00 100; $125.00 1000. W. F. Kasting, Buffalo, N. Y.

Adiantum cuneatum, 4-in. pots, ready for 5 or 6-in., very strong, 12c to 15c; 5-in., 25c. Cash. G. Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, bushy stock, from 4-in. pots, $15.00 per 100, $140.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

ALYSSUM.

Alyssum, giant double for winter flowering, fine plants, 2½-in., $2.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Alyssum, double giant, 2¼-in., $2.00 per 100.
The Stover Floral Co., Grandville, Mich.

Alyssum, double giant, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Alyssum double giant, 2¼-in., 2c.
Byer Floral Co., Shippensburg, Pa.

ARAUCARIAS.

Araucaria excelsa, 5¼-in. pots, 10 to 12 in. high, 2 yrs. old, 3 tiers, 50c; 5½-in. pots, 13 to 15 in. high, 3 to 4 tiers, 60c; 6-in. pots, 16 to 18 in. high, 3 to 4 tiers, 75c; 6¼-in. pots, 18 to 20 in. high, 4 to 5 tiers, $1.00; 6½-in. pots, 20 to 24 in. high, 5 to 6 tiers, $1.25 each. A. compacta robusta, very large, 6 to 7-in. pots, 3 to 4 tiers, 20 to 25 in. wide, $1.50, $1.75, $2.00 each. A. excelsa glauca, 6-in. pots, 3 to 4 tiers, 16 to 24 in. wide, $1.00, $1.25, $1.50, $1.75 each. Cash.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2½-in. pots, 50c per doz., $2.00 per 100. Asparagus Sprengeri, 2¼-in. pots, 40c per doz., $2.00 per 100; 3-in. pots, 60c per doz., $3.00 per 100.
A. L. Harmon, Iola, Kan.

Asparagus plumosus nanus seedlings from flats, $6.00; transplanted, large, $12.00 1000. Sprengeri seedlings, $6.00; transplanted, large, $10.00 1000.
Yalaha Conservatories, Yalaha, Fla.

100,000 Asparagus plumosus nanus, fine, young plants from benches, $6.00 per 1000. 5000 last year's plants in 2½-in. pots, $1.50 per 100. Cash. Samples free. S. B. Ritter, Port Royal, S. C.

30,000 Asparagus pl. nanus, very fine plants, 4-in., $10.00; 3-in., $5.00; 2¼-in., $2.50; from flats, $1.00 per 100. A. Sprengeri, same price. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Plumosus nanus, fine stock, 3-inch pots, $6.00 100. Asparagus Sprengeri, 2¼-inch pots, $3.00 100; good, strong plants, and a bargain.
Joseph Towell, Paterson, N. J.

Asparagus plumosus, 200 3-in. at 5c each, 200 3½-in. at 6c each, 300 4-in. at 7c each. These are strong crowns just ready for bedding.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, good stocky plants in 2¼-in. pots, ready for shift, $3.50 per 100, $30.00 per 1000; 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus seedlings, fine, strong, $1.25 100, $10.00 1000, delivered; 2-in., $3.00 100; $25.00 1000, f. o. b.
H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri, 2-in., $2.50 100. Sprengeri and plumosus nanus seedlings, $1.00 and $1.50 100. Prepaid.
Chas. Gay, Des Moines, Iowa.

800 plumosus nanus, 2½-in., $14.00 for lot. 500 fine 5-in. Sprengeri, $25.00 the lot. All clean, fresh plants.
Roney Bros., West Grove, Pa.

Asparagus plumosus, 25,000, strong, ready for 3 and 4-inch, at 3c.
F. H. Kramer, 418 Center Market, Washington, D. C.

Asparagus plumosus, 4-inch, $10.00 per 100.
Asparagus Sprengeri, 2½-inch, 2.50 per 100.
Asparagus Sprengeri, 3-inch, 5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Asparagus plumosus nanus, strong plants from flats, $1.00 per 100; $8.00 per 1000. Cash with order. Cottage Nursery, San Diego, Cal.

Asparagus plumosus, nice strong 2¼-in. plants, $3.00 per 100; $25.00 per 1000. Cash with order. Chapin Bros., Lincoln, Neb.

Asparagus plumosus nanus, 3-in., $1.00 doz.; $7.00 100. D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus nanus, 3-in., $7.00 100. Cash. G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 2¼-in., at $2.50 per 100; 3-in., at $5.00 per 100; strong, but not stunted. Cash. Jos. E. Bonsall, Salem, Ohio.

Asparagus Sprengeri, 1 year old from bench, 10 to 15 fronds to plant; to make room, $5.00 per 100. Krueger Bros., Toledo, Ohio.

Asparagus plumosus from flats, $1.00 per 100; 2½-in., $2.00. Cash. L. G. Rollston, 306 W. La Fayette Ave., Fayetteville, Ark.

Asparagus plumosus, 5-in., good, $25.00 100. Sprengeri, 3-in., $4.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus and Sprengeri, very heavy 2 and 3-in. plants, 3c and 5c.
C. Betscher, Canal Dover, Ohio.

Asparagus plumosus, nice, bushy plants, from 2½-in., $3.00 100; $25.00 1000. Cash.
Baur Floral Co., Erie, Pa.

50 Asparagus plumosus, 3-in., 15c each; 50 Asparagus Sprengeri, 3-in., 10c each.
W. E. Gravett, Lancaster, Ohio.

Asparagus Sprengeri, 2-in., ready for 3-in., fine plants, $2.00 100; $18.00 1000.
Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Asparagus plumosus, 2½-in., $3.00 100; 3-in., $5.00 100; 4-in., $6.00 100.
Leo Niessen Co., 1217 Arch St., Phila.

1000 Asparagus Sprengeri, strong, 4-in. pots, $7.50 per 100. Sample free.
John Christman, Stanford, Ky.

Asparagus Sprengeri. Extra strong seedlings, 60c 100; $5.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus and Sprengeri, 3½-in., $5.00 100; $45.00 1000.
Peter Reinberg, 51 Wabash Ave., Chicago.

Asparagus plumosus, 2½-in., $3.00 100. Sprengeri, 2½-in., $2.50 100.
The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus and Sprengeri, 2-in., $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2¼-in., $1.50 100; 3½-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, fine, large clumps, 5c each.
S. J. Bunting, Elmwood Ave. & 58th St., Phila.

3000 Asparagus Sprengeri, 2-in., $2.00 100, any quantity. W. L. Hucke, Belleville, Ill.

Asparagus plumosus, 2½-in., $2.50; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Asparagus plumosus nanus, 3-in., $5.00 100.
C. R. Hills, Grand Rapids, Mich.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, 4-in., $5.00 100.
James Patience, Noroton Heights, Conn.

Asparagus Sprengeri for 3-in., 2c.
Byer Floral Co., Shippensburg, Pa.

ASPIDISTRAS.

Aspidistra lurida, green, 5-in. pots, good plants, 6c per leaf.
Crown Point Floral Co., Crown Point, Ind.

BAY TREES.

We are headquarters for bay trees. Write us.
Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Alyssum giant and dwarf, heliotropes, lantanas, Swainsona alba and rosea, plumbago white and blue, all 2¼-in. stock, $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, coleus and general bedding stock in large quantities. Write.
L. H. Foster Estate, Dorchester, Mass.

BEGONIAS.

Begonia Gloire de Lorraine, strong young plants from leaf cuttings now ready for 4-inch pots, $15.00 per 100. Plants from 3-inch pots, strong stock, twice cut back, $25.00 per 100. From 4-inch pots, heavy plants, $40.00 per 100. All sizes ready for immediate delivery.
J. A. Peterson, McHenry avenue, Westwood, Cincinnati, O.

New begonia, TURNFORD HALL, from 2-in. pots, $15.00 per 100, $140.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

Rex begonias, an unusually fine stock of 300 specimen plants in assorted varieties, ready for 4 to 8-in. pots. Anyone who can use a dozen or more of these at a bargain, please write to
Will B. Munson, Denison, Tex.

Rex begonias, good varieties in assortment, 2-in., $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $6.00; 3-in., $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 4-in., $5.00 100; 4 flowering begonias, 4-in., $10.00 100.
Geo. A. Kuhl, Pekin, Ill.

Flowering begonias, in variety, $3.00 100.
The Storrs & Harrison Co., Painesville, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Jerusalem cherries, pot-grown, 4-in., ready for a shift, very bushy, $6.00 per 100; $50.00 per 1000. T. N. Yates & Co., Mt. Airy, Philadelphia, Pa.

Christmas peppers, 2¼-in. pots, 40c per doz., $2.00 per 100; 3 and 4-in. pots, 2 fine plants in a pot, $3.00 per 100.
A. L. Harmon, Iola, Kan.

Jerusalem cherries, 500 extra strong plants, in 4-in. pots, $6.00 100. Parkside Greenhouses, 746 East 70th St., Chicago.

Celestial peppers, strong, 2½-in., $3.00 100; $25.00 1000. Cash. Garfield Park Flower Co., 1688 Madison St., Chicago.

Christmas peppers, 8-in. pots, $5.00 per 100; 4-in. pots, $7.00 per 100. Extra fine. Adams Ex.
G. W. Brown Co., Louisville, Stark Co., Ohio.

Jerusalem cherries, 4-in., bushy, compact plants, $8.00 100.
Leo Niessen Co., 1217 Arch St., Phila.

Christmas peppers, 3-in., $3.00 per 100.
Kleinhaus & Mason, Cadillac, Mich.

Christmas peppers, 2¼-in., $2.00 100; 3-in., $3.50 100. C. R. Hills, Grand Rapids, Mich.

Peppers, 2-in., $2.00 per 100; $15.00 1000.
Chicago Carnation Co., Joliet, Ill.

Celestial peppers, 4-in., $15.00 100.
Geo. A. Kuhl, Pekin, Ill.

BULBS.

LILIUM HARRISII.

	12	100	1000
5 to 7-inch	$ .50	$ 3.25	$30.00
6 to 7-inch	.60	4.25	40.00
7 to 9-inch	.85	6.50	60.00
9 to 11-inch	2.00	15.00	

CALLA ETHIOPICA.

	12	100	1000
4 to 6-inch cir	$ .75	$ 5.00	
5 to 7-inch cir	.85	6.50	45.00
7-inch up	1.50	10.00	60.00

Narcissus. Paper white, true grand., 13 cm. up, 20c 12; $1.00 100; $9.00 1000. French Trumpet major, extra fine, 25c 12; $1.25 100; $10.00 1000. Chinese narcissus, 1st size, basket 30, $1.25; mat, 4 baskets, $4.25.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Importer and exporter of all horticultural products of the best grades at reasonable prices. Send me your list of wants to be priced. We pay special attention to the bulb business and can quote you attractive prices.
F. W. O. Schmitz, Prince Bay, N. Y.

Freesias, all sizes including large ⅝ bulbs, ready for immediate delivery. Also Grand Duchess oxalis, grandiflora, pink, white and lavender in any amount. We are the California growers. Rees & Compere, Long Beach, Cal.

Arisæma triphyllum, $2.00 per 100. Calla palustris, $3.00 per 100. Lilium canadensis, $4.00 per 100. Lilium Philadelphicum, $4.00 per 100; $25.00 per 1000. Trillium erectum, $2.00 per 100. L. E. Williams, Nottingham, N. H.

I am prepared to book, for fall delivery, orders for Iris Germanica, Iris Florentina, Delphinium formosum, Lilium tenuifolium and double and single tiger lilies. Write for prices.
E. S. Miller, Wading River, N. Y.

Genuine California-grown callas, 1½ to 2 in., $7.00 100, $65.00 1000; 2 in. up, $9.00 100. Guaranteed. Chinese sacred lilies, imported, per basket of 30, $1.25; per 100, $4.00.
E. F. Winterson Co., 45 Randolph St., Chicago.

Harrisii, calla, freesia, Roman and Dutch bulbs from the best growers are en route. Order early.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Captain's Island Harrisii, 5 to 7, to close out, in case lots only, 400 to the case, $10.00. Cash.
Wm. Elliott & Sons, Auction Dept., 201 Fulton St., New York.

French and Dutch bulbs now ready. Paper Whites, freesias, white Romans, callas, hyacinths, tulips, etc. Send for new catalogue.
Johnson & Stokes, 217-219 Market St., Phila.

Lilium Harrisii, calla lily, L. longiflorum, paper white narcissus, Roman and Dutch bulbs for summer and fall. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Clearance sale of California-grown calla bulbs; also a nice lot of Elliott's Little Gem. See display adv. for sizes and prices.
A. Mitting, Santa Cruz, Cal.

Narcissus double white, perfectly hardy, fragrant, beautiful. Fine for Decoration day. Price low to close out.
F. A. Baller, Bloomington, Ill.

Lilium Harrisii, L. longiflorum, Roman hyacinths and paper white narcissi. Wholesale price list now ready.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Elliott's Little Gem calla bulbs, dormant, $1.20 100; $10.00 1000. Danville Plant & Flower Co., 317 N. Vermilion St., Danville, Ill.

Bulbs, Virginia grown. Emperor, $14.00; Princeps, $5.00; P. ornatus, $4.00.
Post Bros., Ettricks, Va.

Harrisii, Romans, Paper Whites and freesias now ready. Send for catalogue.
Currie Bros. Co., Milwaukee, Wis.

Our narcissus bulbs cannot be beat, write us regarding your wants.
N. LePage, Mt. Vernon, N. Y.

P. W. narcissus grand., 13 cm., $1.25 100; $10.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Calla bulbs and paper white narcissi. Send for price list.
F. Ludemann, Baker St., San Francisco, Cal.

Lilies, hardy sorts; about 40,000 bulbs. Send for list. E. Y. Teas, Centerville, Ind.

Paper white narcissus. Prices on application.
Thos. Thompson, Santa Cruz, Cal.

CACTI.

Cacti. Fine specimen plants, thrifty and true to name, 8 for $2.50. Stapelia (starfish catcus), blooming, $2.50 per 100. Cane cactus and rattail cactus, 50c per doz. For cash only and by express. One dozen good plants by mail, $1.00.
Mrs. M. E. Patterson, Glendale, Cal.

Cacti, 10 varieties, $7.00 per 100. Prepaid.
J. A. McDowell, Mexico City, Mex.

CARNATIONS.

Fine field-grown carnations. Per 100:

1st size		2nd size	
Enchantress	$6.00	Enchantress	$3.50
M. A. Patten	7.00	T. Lawson	3.00
T. Lawson	5.00	Q. Louise	3.00
Fair Maid	5.00	G. Lord	2.50
Q. Louise	5.00	Indianapolis	3.00
The Queen	5.00	Vesper	3.00
G. Lord	4.00	B. Market	3.00
L. Pond	5.00	Nelson	5.00

Harlowarden, 50 fine plants, rate $5.00 100. Mrs. Higinbotham, 100 fine plants, rate $5.00 100. Cash.
Chas. Siebert, Stanton Ave., Pittsburg, Pa.

Carnation plants, fine high land grown stock, free from disease.

	1st Grade.	2nd Grade.
Enchantress	$7.00 per 100	$5.50 per 100
Lawson	6.00 per 100	5.00 per 100
White Cloud	5.00 per 100	4.00 per 100
Glacier	4.50 per 100	3.50 per 100
Prosperity	5.00 per 100	4.00 per 100
Joost	4.00 per 100	3.00 per 100
Guardian Angel	4.00 per 100	3.00 per 100
Crocker	4.00 per 100	3.00 per 100

Stock limited. Place orders early.
United States Cut Flower Co., Elmira, N. Y.

Carnation plants from field.

Lady Bountiful	Enchantress
Moonlight	Indianapolis
Vesper	Joost
The Bride	Lippincott
Queen	Adonis
Mackinac	Flamingo
Queen Louise	Harlowarden
Lorna	Prosperity
Flora Hill	Mrs. Patten
Norway	Roosevelt

Plants ready for delivery. Write for prices.
Leo Niessen Co., 1217 Arch St., Phila.

Strong, clean, healthy, field-grown carnation plants now ready.

	100	1000
Mrs. Lawson	$5.00	$45.00
Guardian Angel	4.00	35.00
Morning Glory	4.00	35.00
Mrs. Higinbotham	4.00	35.00
White Cloud	5.00	40.00
Estelle	6.00	
Enchantress	7.00	65.00
Armazindy	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants. Prices on application. True stock.

Queen Louise	Indianapolis
The Queen	Harlowarden
Boston Market	Prosperity
Vesper	Mrs. Patten
Lawson	Flamingo
Floriana	Cardinal
Enchantress	Eventide
Fair Maid	

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnation plants, fine, healthy. Crisis, new commercial scarlet, $2.00 doz.; $15.00 100.

	100		100
Flamingo	$10	Palmer	$5
Queen Louise	5	Dorothy	5
Morning Glory	5	Portia	5
Scott	5	Eldorado	5
Floriana	5	Mermaid	5

J. L. Dillon, Bloomsburg, Pa.

Healthy, field-grown carnation plants. Extra fine stock, ready now, $5.00 per 100.

Enchantress	Bradt
Queen	Armazindy
Prosperity	Flora Hill
Nelson	Crane
Glacier	White Cloud
Lawson	Her Majesty
Boston Market	

G. Van Bochove & Bro., Kalamazoo, Mich.

FIELD-GROWN CARNATION PLANTS.
25,000 LAWSON.

	Per 100		Per 100
Lawson	$5.00	Wolcott	$4.00
Bradt	5.00	Joost	3.00
Naylor	5.00	Scott	3.00
Louise	5.00	Maceo	4.00
Prosperity	4.00		

EDWARD J. TAYLOR, Southport, Conn.

Field-grown carnation plants, strong, healthy and free from disease. Mrs. Thos. W. Lawson, $6.00 per 100; $50.00 per 1000. Gov. Wolcott, $6.00 per 100; $50.00 per 1000. Boston Market, extra large and healthy, excellent value, $6.00 per 100; $55.00 per 1000.
Jensen & Dekema, 631 W. Foster Ave., Chicago.

Field-grown carnations, extra fine, free from disease. Per 100:

Enchantress	$6.00	Glacier	$5.00
Lawson	5.00	Scott	4.00
Joost	5.00	Morning Glory	4.00
Estelle	5.00	Flora Hill	5.00
White Cloud	5.00	Cash.	

C. W. Espy & Son, Brookville, Pa.

Field-grown carnations.

	100	1000		100	1000
The Belle	$10	$95	Mrs. Nelson	$6	$55
Flamingo	8	75	Lawson	6	..
Mrs. Patten	8	75	W. Cloud	6	55
N. Fisher	8	75	B. Market	6	..
Estelle	7	65	Cash.		

W. J. & M. S. Vesey, Fort Wayne, Ind.

5000 field-grown carnations, very strong and healthy.

	100	1000		100	1000
Lawson	$5	$45	Enchantress	$6	$55
Louise	5	45	Flamingo	8	70
Norway	5	45	Prosperity	5	..

Andrew Peterson, Hoopeston, Ill.

Carnations.

	100	1000		100	1000
Queen Louise	$5	$45	Murphy's White	$4	$40
Nelson	6		Prosperity	5	
Flora Hill	5		Ethel Crocker	8	
Mrs. Joost		40			

G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Field-grown carnations. Per 100:

Enchantress	$6.00	Marquis	$4.00
Gov. Wolcott	5.00	Eldorado	4.00
Queen Louise	4.00	Mary Wood	4.00
Flora Hill	4.00	Lillian Pond	4.00
Crane	4.00		

National Plant Co., Dayton, Ohio.

HELEN GODDARD, the coming commercial pink carnation, will be disseminated Jan. 1, 1906. I have tested it thoroughly during the last 4 years and have found it to be an ideal commercial carnation. Rooted cuttings, $10.00 per 100, $75.00 per 1000. Place your order early.
S. J. Goddard, Framingham, Mass.

Strong, healthy, field-grown carnation plants.

Lady Bountiful	$8.00 100, $75.00 1000
Nelson Fisher	7.00 100, 65.00 1000
Flamingo	6.00 100, 55.00 1000
Genevieve Lord	5.00 100, 45.00 1000

Cash with order.
Nic Zweifel, North Milwaukee, Wis.

HANNAH HOBART, the pride of California, the grand prize winner in competition with the latest and very best products in carnations, east or west, for the last 8 years. Price, $3.00 per 12; $15.00 per 100; $120.00 per 1000.
John H. Sievers & Co., 1251 Chestnut St., San Francisco, Cal.

Glendale, the best variegated carnation ever offered. Orders booked now for December delivery, $12.00 100; $100.00 1000.
Chicago Carnation Co., Joliet, Ill.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Field-grown carnations, strong, healthy plants. Fair Maid, Boston Market, Freedom, Mrs. Thos. W. Lawson, and Gen. Maceo, $5.00 per 100.
The Yates Floral Co., Canajoharie, N. Y.

Field-grown carnation plants.

	100	1000		100	1000
Lawson	$6	$50	Crusader	$5	40
Nelson	5	40	Queen Louise	5	40
Morn. Glory	5	40	Flora Hill	5	40
Guardian Angel	5	40			

Peter Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnation plants. Per 1000:

Prosperity	$45.00	Vesper	$35.00
Flamingo	75.00	Nelson	35.00
May Naylor	40.00	Joost	35.00
Flora Hill	40.00	Roosevelt	40.00

Philadelphia Cut Flower Co., Sansom St., Phila.

Carnation plants to close out at $4.00. A limited amount. Peru, Lawson, Estelle, Boston Market, Nelson, Roosevelt, Flora Hill, Joost, Harlowarden, Queen Louise, Eldorado, Ine, Morning Glory, Higinbotham.
Kleinhans & Mason, Cadillac, Mich.

Field-grown carnations.

	100	1000		100	1000
Queen	$6.00	$55	Hill	$4.50	$40
Harlowarden	5.00	45	Crane	4.50	40
Morn. Glory	4.50	40	Q. Louise	4.50	40

The Parker Greenhouses, Norwalk, O.

Carnations, strong, healthy, field-grown. Admiral Cervera, best paying yellow; Boston Market, Gov. Wolcott, Floriana, Glacier, and Mrs. E. A. Nelson, $5.00 per 100; $45.00 per 1000. Queen, $6.00 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Fine, bushy, field-grown carnations.

Boston Market	5c	Flamingo	10c
Queen Louise	5c	Lady Bountiful	10c
Enchantress	6c	White Lawson	10c
Lawson, pink	6c		

Pittsburg Rose & Carnation Co., Gibsonia, Pa.

Field-grown carnations, clean, healthy plants.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	5.00	40	Hill	5.00	40
W. Cloud	5.00	40	Q. Louise	5.00	40

George Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations.

	100	1000		100	1000
Fair Maid	$4	$35	Boston Market	$4	$40
The Marquis	3		Red Lawson	10	

Quidnick Greenhouses, J. H. Cushing, Prop., Anthony P. O., Quidnick, R. I.

The beautiful pink carnation CANDACE will be disseminated 1906. It is wonderfully productive. Price: $2.00 doz., $10.00 100, $100.00 1000.
Indianapolis Flower & Plant Co., or John Hartje, Indianapolis, Ind.

Carnations, strong, field-grown plants. Joost, Pond, $40.00 per 1000. Wolcott, Lawson, Prosperity, $50.00 per 1000. Enchantress, New Daybreak, $60.00 per 1000; 100 same rate. Terms, cash.
M. J. Schaaf, Dansville, N. Y.

John E. Haines, the best scarlet carnation to be offered the coming season. Orders booked now for December delivery, $12.00 100, $100.00 1000.
Chicago Carnation Co., Joliet, Ill.
John E. Haines, Bethlehem, Pa.

CARNATION VARIEGATED LAWSON, a phenomenal variety. Best variegated carnation ever sent out. Has the Lawson habit and stem. Field-grown plants from ground, $15.00 100.
F. R. Pierson Co., Tarrytown, N. Y.

Field-grown carnations, 1200 Estelle, 700 Enchantress, 250 Queen Louise and a few hundred Gov. Roosevelt and Harlowarden, $5.00 per 100; $45.00 per 1000; fine, strong plants.
W. Sabransky, Kenton, Ohio.

We have 1500 field-grown carnations for sale which we guarantee to be strictly first-class. 700 Flora Hill, 700 Norway, 100 Maceo at $4.00 per 100; $35.00 per 1000.
Arlin & Arlin, Clyde, Ohio.

Carnations, fine plants. Fair Maid, 10 to 30 shoots, and Queen, $5.00 100; $45.00 1000. Mrs. Joost, Queen Louise, $4.50 100; $40.00 1000.
H. V. Sowle, 325 Coffin Ave., New Bedford, Mass.

Field-grown carnations, fine, bushy. Stock, strong and healthy. May Naylor, Queen Louise, Prosperity and Lawson, $4.50 100; $40.00 1000. Cash.
Fillow & Banks, Westport, Conn.

Field-grown carnation plants.
Mrs. T. W. Lawson, $5 per 100; $45 per 1000.
Queen Louise, $4 per 100; $35 per 1000.
John F. Horn & Bro., 20 N. 6th St., Allentown, Pa.

Carnations. Field plants, clean and healthy.

Boston Market	Glacier
Estelle	Lawson

$4.00 100: $40.00 1000. Cash.
W. T. Buckley Co., Springfield, Ill.

Carnations Lawson, pink; Crane, Morning Glory, Prosperity, White Cloud, Marquis, Enchantress, $5.00 per 100; Enchantress, $8.00.
Crown Point Floral Co., Crown Point, Ind.

Choice field-grown carnation plants. Nelson Fisher and Mrs. Patten, $8.00 per 100; $70.00 per 1000. Boston Market, $6.00 per 100; $50.00 per 1000.
A. C. Canfield, Springfield, Ill.

Healthy, stocky, fine field-grown plants of Enchantress, $6.00; B. Market, Q. Louise, Joost, Estelle, Flamingo, $5.00 per 100. Cash.
Smith & Gannett, Geneva, N. Y.

CARNATIONS—Continued.

Carnations, field-grown. 100 Lillian Pond, $5.00 100; 125 Moonlight, $5.00 100; 500 Norway, $3.00 100; 300 Crocker, $3.00 100.
The Newburys, Mitchell, S. D.

Two great carnations, MY MARYLAND, pure white, and JESSICA, red and white variegated, $2.50 doz.; $12.00 100; $100.00 1000.
H. Weber & Sons Co., Oakland, Md.

Carnations, strong, clean, field-grown plants, 2000 Mrs. Nelson, 3000 Queen Louise, 5000 Joost, $4.00 per 100; $35.00 per 1000.
Lebanon Greenhouses, Lebanon, Pa.

Field-grown carnations. Strong, healthy plants, Peru, Hill, Q. Louise, Melba, Joost, Crane, Estelle, $5.00 per 100.
Bentzen Floral Co., Marcus Ave., St. Louis, Mo.

Carnations. Strong, healthy, field-grown plants, Prosperity, Roosevelt, Joost, Queen Louise and Flora Hill, $5.00 per 100.
Sarah I. Smith, Secane, Del. Co., Pa.

Field-grown carnations. Queen Louise, $5.00 100; $45.00 1000. The Queen, Boston Market, $6.00 100; $55.00 1000.
S. J. Reuter, Westerly, R. I.

Field-grown carnations, strong, healthy. Queen, Fair Maid, Prosperity, $5.00 100; $45.00 1000; 250 at 1000 rate.
Aug. Gaedeke & Co., Nashua, N. H.

Carnations, 500 Queen Louise, 500 Lawson, A1 stock, to clean out, $35.00 for the lot. Speak quick.
Murphysboro Greenhouses, Murphysboro, Ill.

Carnations, fine, healthy stock, 5c each.

Fisher	Prosperity
Queen Louise	Wolcott

Adam Laub & Son, Hughsonville, N. Y.

Field-grown carnations, 600 Estelle; strong, healthy plants, $5.00 per 100; $45.00 per 1000. Cash with order. W. Sabransky, Kenton, Ohio.

Field-grown carnation plants. Glacier, $45.00 1000; Peru, $35.00 1000; Morning Glory, $45.00 1000. Eli Cross, Grand Rapids, Mich.

Field-grown plants of Lawson, Joost, Norway, Prosperity and Armazindy, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown, extra fine Prosperity and Norway, $4.00 per 100. Mrs. Joost, April cutting, $3.50 per 100. Thos. Salveson, Petersburg, Ill.

NORWAY, fine, field-grown plants, guaranteed strictly first-class, $4.00 100, $36.00 1000.
Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Field-grown carnations. Strong Enchantress and Flamingo, $7.00 100; Prosperity, $5.00 100.
James Patience, Noroton Heights, Conn.

Carnation plants, 4000 Peru, $30.00 per 1000. No surplus stock. Satisfaction guaranteed.
Blanksma Bros., R. D. 11, Grand Rapids, Mich.

Large, field-grown plants of Queen and Boston Market, $6.00 per 100; $50.00 per 1000.
H. A. Cook & Son, Shrewsbury, Mass.

900 A1 Queen Louise, 500 Lawson, $4.00 100. The lot for $50.00. Cash with order.
A. J. Baldwin, Newark, Ohio.

Field-grown plants of Lawson, Peru and Guardian Angel carnations, $4.00 per 100.
S. E. Muntz, 2097 Jackson St., Dubuque, Iowa.

Carnations. Joost, from field, extra good plants, ready now, $5.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

500 extra fine field-grown Lawson carnations, $5.00 per 100. Sample by mail.
Riveredge Greenhouses, Sayre, Pa.

500 elegant Joost, strong, heavy plants, at $3.00 per 100; $14.00 for lot.
Otto Bourdy, Lowell, Mass.

VESPER VESPER VESPER
$4.50 per 100; $35.00 per 1000.
Isaac A. Passmore, West Chester, Pa.

Carnations, field-grown. 1200 Joost at $4.00 per 100. South Bend Floral Co., South Bend, Ind.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

Field-grown carnations, Peru, white, $4.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Prosperity, field-grown, extra fine, $6.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS.

Chrysanthemums in excellent condition for planting, $2.50 100; $20.00 1000.

V. Morel	Convention Hall
Wm. Duckham	Ivory
Pink Ivory	Mrs. Murdock
Maud Dean	Glory Pacific
Opah	Polly Rose

Nathan Smith & Son, Adrian, Mich.

Chrysanthemums, 300 Wm. Duckham, 150 F. S. Vallis, 75 Millicent Richardson, 150 C. H. Diedereich, 2-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums. Good, young stock in 2½-in. pots. New and standard varieties. For varieties and prices see display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Surplus stock, 2-inch, $2.00 100.

Yellow	White
100 Oct. Sunshine	200 W. Bonnaffon
Red	200 Robinson
500 Black Hawk	300 Estelle
1000 Oakland	200 W. Mayflower
1000 Paul Labbe	200 Kalb
Pink	100 Wanamaker
400 Wm. Duckham	50 W. Ivory

First come, first served.
WIETOR BROS., 51 Wabash Ave., Chicago.

Hardy chrysanthemums. Field-grown plants for bedding or greenhouse planting, $1.00 doz.; $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cinerarias, very fine, strong, 2-in., $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Cinerarias, ready September, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Cinerarias, 3-in. pots, $3.00 per 100.
Kleinhaus & Mason, Cadillac, Mich.

Cinerarias, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

CYCAS.

Cycas revoluta, $8.00 per 100 lbs.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CYCLAMEN.

Cyclamen plants, giganteum strain. Seed taken of only selected flowers and well built stock. None better. 3-in., $7.00 100, $65.00 1000. Seed of above strain, new crop, $6.00 1000.

"The cyclamen seedlings arrived today in good shape. We are well pleased and are glad to know that by packing properly, plants will stand the trip." Yours truly, Park Floral Co., San Francisco, Cal., July 12, 1905.
C. Winterich, Defiance, O.

CYCLAMEN SPLENDENS GIGANTEUM hybrids, in five true colors, including the fringed variety; from 3-in. pots, $7.00; from 3½-in. pots, $12.00; from 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100. Satisfaction guaranteed. Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, extra well grown, strong 4-in., ready for 5 and 6-in. pots, in 5 separate colors, $12.00 and $18.00 per 100. Cash with order, please. Hugo Book, Worcester, Mass.

Cyclamen giganteum, large flowering, extra fine plants, ready to shift, 3-in., $5.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, out of 3½ and 4-in., ready for 5-in., $15.00, $20.00 and $25.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum, finest giants, $4.00 100.
John F. Rupp, Shiremanstown, Pa.

DAHLIAS.

Dahlia roots and blooms in any quantity.
L. K. Peacock, Inc., Atco, N. J.

DAISIES.

Shasta daisy, 2-in., $2.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

DRACÆNAS.

Dracaena indivisa, 2-in., $2.00 100; 3-in., $5.00 per 100; 4-in., strong, $10.00 per 100; 5-in., 2½ to 3 ft., $15.00 per 100.
Jas. D. Hooper, Richmond, Va.

Dracaena indivisa, large, field-grown for 6 and 7-in. pots, $15.00 per 100; 200 for $25.00.
J. C. Schmidt Co., Bristol, Pa.

Dracaena indivisa, field-grown, for 5-in., fine plants, $10.00 per 100.
Llewellyn, Florist, Olean, N. Y.

Dracaena indivisa, 2½-in., $2.50; 3-in., $4.00 100. National Plant Co., Dayton, Ohio.

Dracaena indivisa, 2½-in., $3.00 100; $25.00 1000. Peter Wenk, Ozone Park, N. Y.

Dracaenas, all sizes. Write
L. H. Foster Estate, Dorchester, Mass.

EUPATORIUMS.

Eupatoriums, nice, bushy plants for winter blooming, 3-in. pots, $3.00 per 100.
J. W. Myer, Rosedale, Ind.

FERNS.

Nephrolepis Barrowsii, strong stock plants, $25.00 100. Boston ferns, 2 runners, $4.00 100; ready for 5-in., $3.00 doz.; $25.00 100; from 6-in., $6.00 doz.; 7-in., $9.00 doz.; 8-in., $15.00 doz. Japanese fern balls, in leaf, $4.00 doz. Wittbold Co, 1657 Buckingham Pl., Chicago.

Jardiniere ferns, seedlings, good, strong, healthy stock, in variety only. Now ready for potting. Two or more plants in each clump. Price, $1.50 100 clumps, by mail. $10.00 1000, f. o. b., express.
C. Soltau, 199 Grant Ave., Jersey City, N. J.

FERNS OUR SPECIALTY.

We have over half million fern seedlings ready for shipment and ready for potting in the following varieties: Pteris cretica cristata, P. Mayii, P. albo-lineata, P. adiantoides, P. Ouvrardi, P. tremula, Onychium japonicum, Aspidium tsussimense, Cyrtomium falcatum, Dodia aspera, and Lomaria gibba. Our selection, $1.00 per 100, $8.50 per 1000, 500 at 1000 rate. If by mail add 10c per 100 for postage.

Jardiniere ferns ready for immediate use from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 500 at 1000 rate.

CIBOTIUM SCHIEDEI. We have a large stock of this most beautiful tree fern in 3-in. pots, fine healthy stock, at $30.00 per 100, $275.00 per 1000.
Anderson & Christensen, Short Hills, N. J.

Ferns in flats. Aspidium tsussimense, Cyrtomium falcatum, Pteris serrulata var., P. serrulata comp. nana, P. Gilbertii, P. cretica albo-lineata, P. Sieboldii, $2.00 flat of 110 clumps; $21.50 doz. flats; $175.00 100 flats. F. O. B. N. Y. depot.
F. W. O. Schmitz, Prince Bay, N. Y.

Nephrolepis Bostoniensis and Piersoni, strong plants, 5-in., $15.00 per 100; 4-in., $10.00 per 100. Asparagus plumosus nanus and Sprengeri, 4-in., $8.00 per 100. Dracaena indivisa, 4-in., $8.00 per 100. For cash.
Sterling Floral Co., Sterling, Ill.

Small ferns for ferneries, the best and most hardy varieties. Strong, bushy plants, $3.00 100; $25.00 1000. Boston ferns, short, stocky, from bench, 4-in. pot size, $15.00 100; 5-in., $25.00 100.
The Storrs & Harrison Co., Painesville, O.

Boston ferns, bench, for 5-in., 12½c; 3-in., 6c; runners, 1¼c. Pierson for 4-in., 12½c. Scottii for 3-in., 12½c; 4-in., 20c; 5-in., 40c. Tarrytown for 4-in., 50c; 5-in., 75c; 3-in., 35c. Cash. Byer Bros., Chambersburg, Pa.

Ferns from flats, best assortment for fern dishes, ready for 2-in. pots, strong, clean, $1.50 100; $12.00 1000; includes delivery. Ferns from 2¼-in., f. o. b., $3.00 100; $25.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Aspidium aerosticholdes, marginale, spinulosum, $3.00 per 100. Onoclea sensibilis, Struthiopteris, $3.00 per 100. Osmunda cinnamomea, Claytoniana regalis, $4.00 per 100.
L. E. Williams, Nottingham, N. H.

Boston ferns, 5-in., 30c, 35c and 40c ea.; 4-in., 20c. Piersoni, 6-in., 50c; 4-in., 20c. Scottii, 6-in., 75c; 4-in., 25c.
Godfrey Aschmann, 1012 Ontario St., Phila.

NEPHROLEPIS SCOTTII, 2¼-in., $2.00 doz.; $15.00 100; $125.00 1000; 25 at 100 rate, 250 at 1000 rate.
John Scott, Keap St., Brooklyn, N. Y.

Small ferns for fern dishes, strong plants, 2¼-in., $3.00 100; $25.00 1000. Cash. Garfield Park Flower Co., 1688 Madison St., Chicago.

Ferns. Boston, 3-in., $6.00; 4-in., $12.00; Piersoni, 3-in., $10.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis Scottii, strong plants, 2¼-in., 75c doz.; $6.00 100; $50.00 1000.
J. W. Young, Germantown, Phila.

Scottii ferns, strong, well-rooted runners, $4.00 100; $35.00 1000.
Davis Bros., Morrison, Ill.

A fine stock of Boston ferns in 2½-in., $4.00 100; 4-in., $2.00 doz.
A. Jablonsky, Wellston, St. Louis, Mo.

Boston ferns, 5-in., good plants, 20c to 25c.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 5-in., $3.50 doz.; $25.00 100.
D. U. Augspurger & Sons, Peoria, Ill.

New Barrowsii fern, 3-in., $50.00 100.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, all sizes. Write.
L. H. Foster Estate, Dorchester, Mass.

FORCING STOCK.

Best German forcing valley pips and forcing lilacs, spiraea clumps in sorts, selected longiflorum bulbs, Crimson Ramblers, azaleas, and other forcing plants and bulbs imported to order for fall and spring delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

FORGET-ME-NOTS.

Forget-me-nots, nice, young plants, semperflorens, just beginning to bloom, and dissitiflora, 2½-in., fine, $2.00 per 100.
J. W. Myer, Rosedale, Ind.

Myosotis Winter Queen, flowers from November until Easter on the bench or in pots; nice plants, 2½-in., $4.00 100.
O. V. Zangen, Hoboken, N. J.

Myosotis Winter Queen, the best for cut or pots, flowers all winter; from 2½-in. pots, $2.00 per 100. Cash.
Henry Schmidt, 408 Fulton St., Union Hill, N. J.

Forget-me-nots, field clumps, $4.00 100.
C. R. Hills, Grand Rapids, Mich.

GARDENIAS.

We have a nice lot of Gardenia grandiflora, strong young plants, 6 to 12-in. tall, at $5.00 per 100. Send $1.00 for 20 samples, postpaid.
Southern Floral Nursery Co., Fruitdale, Ala.

Cape Jasmine, Gardenia florida, strong and stocky plants, 3 to 6 in., $2.00 100; $18.00 1000. John Monkhouse, Jewella, La.

Gardenia Veitchii, true variety, strong, bushy plants from 3-in. pots, $12.00 per 100.
Anderson & Christensen, Short Hills, N. J.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

GERANIUMS.

The new seedling geranium, Tiffin, is the freest blooming of all the single scarlet geraniums. It will be introduced and delivered strictly in rotation, beginning Feb. 1, 1906. The price for strong, 2-in. plants is $2.25 doz., $15.00 100. Would advise placing orders early.
S. S. Skidelsky, 824 No. 24th St., Phila.
Lewis Ullrich, Tiffin, Ohio.

Geraniums. Now ready, good stocky plants from 2-in. pots. See display adv. for varieties and prices. Also send for our descriptive price list.
Telegraph, $1.00 doz., $6.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted geranium cuttings, Hill, Poitevine, Nutt, Trego, La Favorite, Viaud, Perkins, Bruanti, $1.50 100, prepaid. 3-in., good as 4-in., $4.00 100. Chas. Gay, Des Moines, Iowa.

Geraniums, full list of new and standard varieties. Late spring struck plants, $3.00 100.
The Storrs & Harrison Co., Painesville, O.

Fancy, Trego, Mme. Bruant and others for stock. Write Roney Bros., West Grove, Pa.

GERBERAS.

Gerbera Jamesoni. I have several hundreds of this always scarce plant to offer, 3 and 4-in. pots, $3.00 doz. Chas. H. Totty, Madison, N. J.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrid and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli in fine named and unnamed sorts. Send for list. E. Y. Teas, Centerville, Ind.

GREVILLEAS.

Grevillea robusta, 2½-in., $3.00 100.
The Storrs & Harrison Co., Painesville, O.

BUSINESS BRINGERS—
Review
Classified Advs.

HARDY PLANTS.

Aster puniceus, $3.00 per 100. Chelone glabra, $3.00 per 100. Cypripedium acaule, $3.00 per 100. Gentiana Andrewsii, $4.00 per 100. Gentiana linearis. Epilobium angustifolium, $3.00 per 100. Habenaria psycodes, $5.00 per 100. Peranium, $2.00 per 100. Sarracenia purpurea, $3.00 per 100. Trientalis Americana, $2.00 per 100. Andromeda calyculata, $3.00 per 100. Ilex verticillata, with berries, $2.00 per 10; $10.00 per 100. Ostrya Virginica, 3 to 4 ft., $5.00 per 100. Pinus Strobus, 2 to 3 ft., $4.00 per 100. Picea canadensis, 2 to 3 ft., $4.00 per 100.

Taxus canadensis, 2 to 3 ft., $4.00 per 100. Tsuga canadensis, 2 to 3 ft., $5.00 per 100. Rosa nitida, 1 to 2 ft., $3.00 per 100. Rubus odoratus, 2 to 3 ft., $3.00 per 100. Vaccinium corymbosum, 2 to 4 ft., $4.00 per 100. Viburnum cassinoides, 2 to 3 ft., $4.00 per 100; V. dentatum, 2 to 3 ft., $4.00 per 100; V. lantanoides, $4.00 per 100; V. Lentago, bushy, 3 to 5 ft., $8.00 per 100. Send for price list of trees, plants and seeds.
L. E. Williams, Nottingham, N. H.

Hardy plants, per 100:

Arbor-vitae, golden, from seed, 8 in. high	$5.00
Habrothamnus, from 2½-in., strong	5.00
Streptosolen Jamesonii, 2½-in., strong	8.00
Coccoloba, from 3-in., strong	7.00
Solanum Wendlandii, from 3-in., strong	6.00
Mandevilla grandiflora, from 3-in., strong	5.00

Golden State Plant & Floral Co., Santa Monica, Cal.

American arbor-vitae, broad and bushy trees, well branched on all sides, in grades from 3 to 6 ft. high. Have been transplanted three times and are supplied with such an abundance of fibrous roots that there is scarcely a possibility of loss from moving. Shipped either with or without ball. They are splendid trees for screens or hedges.
Also a full line of ornamental nursery stock.
Wm. H. Moon Co., Mill St., Morrisville, Pa.

Ornamental trees, flowering shrubs, climbing vines, etc. Send for wholesale price list. Use printed stationery. We send it only to the trade.
Jackson & Perkins Co., Newark, New York.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Best hardy garden carnations. Chabaud, remontant, from the choicest imported seeds, assorted varieties and colors, $1.00 per 100.
Jacob Thomann, 838 No. Goodman St., Rochester, N. Y.

Field-grown clumps and strong roots. Hardy, herbaceous plants, grand stock in every sense, could not be better. For varieties and prices see display adv. J. T. Lovett, Little Silver, N. J.

Berberis Thunbergii, Rosa lucida, R. rugosa, Viburnum cassinoides, V. dentatum and seedling Prunus maritima. Write for prices.
Sidney Littlefield, North Abington, Mass.

Specimen evergreens for present planting. Retinospora, 50c to $10.00 each. Spruce, Norway, white and Colorado pines in assortment, etc. Hiram T. Jones, Elizabeth, N. J.

Japan bean vine, hardy; sugar maples, 6 in. to 10 ft.; Catalpa speciosa and Black Locust seedlings. Send for list.
E. Y. Teas, Centerville, Ind.

A large assortment of shrubs and evergreens for transplanting. Let us book your order now; you will save money.
Elizabeth Nursery Co., Elizabeth, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A general assortment of perennials, shrubs, vines, berries, etc. Special prices on application. Brown Bros. Co., Rochester, N. Y.

We have a large assortment of EVERGREENS. Send for our spring list for details.
Andorra Nurseries, Chestnut Hill, Pa.

A fine lot of shade and ornamental trees, shrubs, etc. Send us your want list.
Franklin Davis Nursery Co., Baltimore, Md.

Dwarf large-flowering phloxes, 36 named kinds, $5.00 100; $45.00 1000.
John Charlton & Sons, Rochester, N. Y.

Hardy plants and bulbs, wholesale only. Low prices. Send for list.
S. J. Galloway, Eaton, Ohio.

Field-grown, hardy phlox, 10 extra fine named varieties, $5.00 100.
National Plant Co., Dayton, Ohio.

HOLLYHOCKS.

Hollyhocks, seedlings; double yellow and white, $1.00 per 100. Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

Hollyhocks, double, 5 leading colors, $5.00 100. Byer Floral Co., Shippensburg, Pa.

HYDRANGEAS.

Hydrangea Otaksa, strong 5-in., ready for 8-in., $25.00 per 100; 2½-in., strong, ready for next Easter or for Memorial day, $2.50 per 100. Cash with order, please.
Hugo Book, Worcester, Mass.

Hydrangea paniculata grandiflora. Standards, 3½ to 4 ft., $13.50 100; bush-form, 2 to 3 ft., bushy, $6.50 100.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa, strong, field-grown plants, 4 to 10 branches, fine for Easter forcing, $10.00 100. Ready Oct. 1.
Peter Wenk, Ozone Park, N. Y.

Hydrangea Otaksa, strong plants from field, bushy, good for 6 to 7-in. pots, $12.00 100.
The Storrs & Harrison Co., Painesville, O.

IVY.

English ivy, field-grown, 3 to 8 branches, $6.00 100; $50.00 1000.
Peter Wenk, Ozone Park, N. Y.

LILY OF THE VALLEY.

Best early and late forcing valley pips. Let us quote you price on your season's needs.
Aug. Rhotert, 26 Barclay St., New York.

Cold storage lily of the valley, selected pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelia Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelia cardinalis, large plants, $4.00 per 100.
L. E. Williams, Nottingham, N. H.

MUSHROOM SPAWN.

Pure culture mushroom spawn always on hand. Cochran Mushroom & Spawn Co., 911 Chemical Bldg., St. Louis, Mo.

Michell's pure culture spawn made in America, 10 bricks, $1.80; per 25, $4.00; 50, $7.50; 100, $14.00; 1000, $130.00. English Milltrack spawn, made especially for us by a leading English house, fresh shipment every three weeks, brick, 15c; doz. bricks, $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. 250 lbs. at 1000 rate.
H. F. Michell Co., 1018 Market St., Phila.

Virgin track mushroom spawn, fresh, in splendid condition, same as supplied to leading American firms.
E. L. Johnson, Ealing, London, W., England.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Fresh importation of Cattleya Trianae and gigas. Write for prices.
THOS. JONES, Short Hills, N. J.

We are headquarters for orchids. Write us.
Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Cocos Weddelliana, 3-in., 15c. Areca lutescens, made up, 5½-in., very fine, 40c to 50c each; 4-in., made up, 3 plants in pot, 16 to 18 in. high, 20c; 6-in., made up, 3 plants in pot, 25, 30, 35 in. high, 40c, 50c, 75c each.

Kentia Forsteriana, 30 to 36 inches high, 4-yr.-old, $1.00; 25 to 30 inches high, 4-yr.-old, 75c, 4-in. pots, made up, 3 plants in pot, about 10 leaves in all, 20 in. high, 25c. Kentia Belmoreana, 25 to 30 inches high, 4-yr.-old, $1.00. Made-up plants, 7-in. pots, $1.50 to $1.75.
Godfrey Aschmann, 1012 Ontario St., Phila.

Our stock of palms and other decorative plants is large and in fine shape. Our KENTIAS in large sizes are just right for decorations, and in DRACAENAS and ARAUCARIAS we are especially strong. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Palms, cheap, to make room. Latania Borbonica, out of 8-in. pots, 75c to $1.00 each. Cash. Chas. Heinz, Florist, Sharon, Pa.

One large latania, two large Pandanus utilis, three large kentias, cheap. Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

We are headquarters for palms. Write us.
Julius Roehrs Co., Rutherford, N. J.

Kentia palms. Large assortment.
L. H. Foster Estate, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Pansies. Florists' International, the richest collections of colors and markings; per 1000 in bud and bloom, $10.00 and $15.00. Seed of same, oz., $7.00; ⅛ oz., $1.00. Giant flowering var., fine mixed, oz., $4.00; ⅛ oz., 65c. Mailed. Cash with order. Ludvig Mosbaek, Onarga, Ill.

Pansies. My Giant Market, plants from my own home-grown seeds, selected from the best giant varieties, mixed colors. Fine, stocky plants, ready about Sept. 5, at $2.50 per 1000. Send for price on 5000 and 10,000 lots. Cash with order. E. A. Blinn, Cromwell, Conn.

Pansies, from seed of the best International mixture; good, strong plants, $4.00 per 1000. Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

Pansies. Peter Brown's prize strain of mammoth blooming pansies. Fine, stocky plants grown in open field, ready Sept. 10, $4.00 1000.
Chas. S. Dutton, Holland, Mich.

Brown's extra select, superb giant prize pansy plants, mixed colors, in any quantity, $3.00 1000. Cash. Peter Brown, Lancaster, Pa.

Pansies, nice, stocky plants, $4.00 1000; $35.00 10,000. Ready Sept. 1.
Peter Wenk, Ozone Park, N. Y.

PEONIES.

Peonies. White, generally called Queen Victoria, $9.00 per 100.
Festiva maxima, $30.00 per 100.
Fragrans, the bloom producer, $6.00 per 100. For 1000 rate, and other varieties, write
GILBERT H. WILD, Sarcoxie, Mo.

Peonies, 100 choice named varieties. Most complete list of the best and newest at prices that cannot fail to interest the buyer. Write for it. Currie Bros. Co., Milwaukee, Wis.

Peonies in choice assortment for florists, from earliest to latest, all named. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies, mixed, $6.00 100. White, $10.00 100. Other colors. Send for prices.
S. J. Galloway, Eaton, Ohio.

Send for list. Divisions to average more than three eyes, $10.00 100.
Edward Swayne, West Chester, Pa.

French peonies, all the best sorts; 10,000 Festiva maxima.
A. Dessert, Chenonceaux, France.

PEONIES—Continued.

Gold Medal peonies in 120 named varieties. Pink and rose, named, $8.00 100; white and purple, named, $12.00 100; yellow, named, $15.00 100.
John Charlton & Sons, Rochester, N. Y.

Peonies; 900 sorts; all the species; all true; liberal supply. C. Betscher, Canal Dover, Ohio.

Peonies, 200 choicest varieties, large stock. Send for list. E. Y. Teas, Centerville, Ind.

POINSETTIAS.

Poinsettias, strong, 2½-in. pot plants, $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. For fern pans or jardiniere plants, orders booked now for September and October delivery. Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pots, $6.00 per 100; $50.00 per 1000. John Ziegenthaler, 1865 Bockius St., Philadelphia, Pa.

Poinsettias, strong 2½-in., September and October delivery, $5.00 per 100; $10.00 per 250.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Poinsettias, splendid, short stock, nicely established, just what you want for filling pans for Xmas, $5.00 100; $40.00 1000.
The E. G. Hill Co., Richmond, Ind.

Poinsettias, 2½-in., $4.00 per 100.
Krueger Bros., Toledo, Ohio.

Poinsettias, 2½-in., $5.00 100.
The Storrs & Harrison Co., Painesville, O.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

PRIMULAS.

P. Chinensis, obconica grand. roses and fimbriata, strong plants, 2½-in., $3.00 100; $25.00 1000. P. Forbesi, strong, 2½-in., $2.50 100. Cash.
Garfield Park Flower Co., 1688 Madison St., Chicago.

Obconica primroses, my new hybridized giant-flowered strain is now ready in 2½-in. pots. Compacta, a fine potter, $6.00 100. Carmine, purple, pink, lilac, these colors, fine, mixed, $3.50 100. O. V. Zangen, Hoboken, N. J.

Primula Forbesi, fine 2-in., 2c. Obconica grand., finest fringed seedlings, strong, alba and rosea, 75c 100, mailed. Alba, 2-in., 2c.
Byer Floral Co., Shippensburg, Pa.

Primroses. Large-flowering, fringed; mixed; 2-in., $2.00 per 100. Cash. J. W. Miller, R. D. 6, Carlisle, Pa., former address Hatton.

Primulas. Chinese and obconica, good, strong plants, $2.50 100. Parkside Greenhouses, 746 E. 70th St., Chicago.

Primroses. Obconica grandi., fimbriata alba, rosea, lilac, hybrid, Baby, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica grandi., 2-in., $2.00; 2½-in., $2.75; 3-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Primula obconica and Primula sinensis, large-flowered, 2½-in., $3.00 100.
The Storrs & Harrison Co., Painesville, O.

Primroses, Chinese and obconica, 2¼-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese and obconica, Forbesi, Baby, $2.00 100. Cash. Jos. Cunningham, Delaware, O.

Chinese primroses, nice plants, 3-in., $3.00 per 100. J. W. Myer, Rosedale, Ind.

Chinese primroses, 2-in., best grown, $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Primroses, all varieties, 2¼-in., $2.00 100.
C. R. Hills, Grand Rapids, Mich.

Primula Buttercup, 2-in., $3.00 100.
A. Jablonsky, Wellston, St. Louis, Mo.

PRIVET.

California privet in any quantity desired, 1, 2 and 3 years old, all sizes up to 4 feet. Stock of finest quality. Write for prices.
J. T. Lovett, Little Silver, N. J.

California privet, bushy, transplanted stock, 2 to 3 ft., $3.00 100, $20.00 1000; 18 to 24 in., $2.50 100, $15.00 1000.
Jackson & Perkins Co., Newark, New York.

California privet from 6 inches to 3 to 4 feet. Prices on application.
Brown Bros. Co., Rochester, N. Y.

A fine lot of California privet. Send us your want list.
Franklin Davis Nursery Co., Baltimore, Md.

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RESURRECTION PLANTS.

Resurrection plants, $12.00 per 1000. Prepaid. J. A. McDowell, Mexico City, Mex.

ROSES.

ROSES.
Young stock out of 2-inch pots, ready to ship.

	100	1000
Brides	$3.00	$25.00
Bridesmaids	3.00	25.00
Meteors	4.00	30.00
Golden Gate	3.00	25.00
Chatenay	3.00	25.00
Kaiserin	4.00	35.00

WIETOR BROS., 51 Wabash Ave., Chicago.

GRAFTED ROSES, SURPLUS STOCK.
Bridesmaid, Bride, Golden Gate, Chatenay, Uncle John, La Detroit, and Liberty, fine plants, 3 and 3½-in. pots, $15.00 per 100.
On own roots, 3 and 3½-in. pots, Chatenay and Uncle John, $10.00 per 100.
ROBERT SIMPSON, Clifton, N. J.

The very latest European varieties including Baby Rambler, as well as all the leading varieties of American origin; stock from 2½, 4 and 5-in. pots. Send us your list of wants today. Catalogue free.
Dingee & Conard Co., West Grove, Pa.

Field-grown roses, 2 yrs. old. Crimson Rambler, $9.00; Dorothy Perkins, $7.50; hybrid perpetuals, $9.00 to $10.00 100. Special rates on large lots. Place orders now for late fall shipment.
Jackson & Perkins Co., Newark, New York.

Grafted roses for forcing. Free from mildew. Bride, Bridesmaid, Golden Gate, Kaiserin, 3½-in. pots, $15.00 100, $145.00 1000.
Own root roses. Sunrise, 3-in. pots, $9.00 100. Bride, Maid, Kaiserin, 3-in. pots, $7.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses—	Pots.	100	1000
2500 Brides	3 and 3½-in.	$5.00	$40.00
1500 Bridesmaids	3 and 3½-in.	6.00	
100 Brides	4-in.	6.00	
100 Bridesmaids	4-in.	6.00	

Wm. F. Kasting, Buffalo, N. Y.

BABY RAMBLER, strong plants on own roots, healthy, vigorous stock, ready now; 2½-in., $2.50 per doz.; $15.00 per 100; $125.00 per 1000; 3-in., $3.50 per doz.; $25.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Roses. Chatenay, Golden Gate, Uncle John, 2½-in., $3.50 100; 3½-in., $5.00 100. Maid, 3½-in., $5.00 100. Liberty, 4-in., good stock, $10.00 100. Poehlmann Bros. Co., Morton Grove, Ill.

Choice northern field-grown roses; also rose plants, leading varieties in 2½-in. pots, at prices which will interest you.
C. M. Niuffer, Springfield, O.

Extra fine rose plants of Bride, Maid and Golden Gate, 2½, 3 and 3½-in. pots, $3.00 per 100; $25.00 per 1000.
John Karsten, Chattanooga, Tenn.

Bench plants. Am. Beauty, Liberty, Maid, Bride, 1-yr.-old, cut down, $3.50 100; $30.00 1000. Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. 2000 4-inch Bridesmaids and 1000 4-inch Brides, 2-year-old plants, $7.00 per 100, $60.00 per 1000. Erie Floral Co., Erie, Pa.

Perles, 4-in., $7.00; Brides, 3-in., $4.00 100; Gate, 2½-in., Ivory, 2½-in., $3.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Baby Ramblers and other roses from 2-in. pots. Bargains for spring delivery.
The Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Brides, Bridesmaids, Golden Gates, 2¼ and 2¾-in., $2.50 per 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Baby Rambler roses, strong, field-grown plants, $25.00 100.
John Charlton & Sons, Rochester, N. Y.

Roses. Brides, 3-in. pots, $3.50 100.
D. Wood Brant, W. Peterson & 48th Ave., Chicago.

Chatenay, La Detroit and Meteor, 3-in., $4.00 100. Crabb & Hunter, Grand Rapids, Mich.

Roses, choice plants, clearance prices. See display adv. W. H. Gullett & Sons, Lincoln, Ill.

Maids, strong 4-in., clean stock, $6.00 100. Pittsburg Rose & Carnation Co., Gibsonia, Pa.

"Rosy Propositions" just off press; want a copy? The Leedle Floral Co., Springfield, O.

1000 fine Beauties, 2½-in., $30.00 per 1000.
C. & G. L. Pennock, Lansdowne, Pa.

RUBBERS.

Ficus elastica, imported, 4-in. pots, 25c; 5 to 5½-in., 35c to 40c; 6-in., very fine, 50c each.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers out of 3s, strong top cuttings, $16.00 per 100, $150.00 per 1000.
A. C. Oelschig & Son, Savannah, Ga.

Strong rubbers, 5½-in. pots, 2 feet high, $4.00 per doz.
H. Schmidt, 408 Fulton St., Union Hill, N. J.

Rubbers, from 4-in. pots, 8 to 10 large leaves, $1.75 per doz. J. F. Allen, Orlando, Fla.

Rubbers, 4-in. pots, 15 inches high, $3.00 per doz. Geo. Just, Jacksonville, Fla.

SEEDS.

PANSY SEED, Berger's neverfail, mixture of the best sorts, giant bloom, prize flowers, 1000 seeds, 25c; 5000, $1.00; oz., $4.00. Pansy seed in separate colors, white, black, red, bronze, purple, blue, azure, yellow, blotched, striped, 1000 seeds, 25c; 5000, $1.00. Any named sorts, send for our list.
Cineraria max. hybrida nana, giant flowers, pkt., 25c; 5 pkts., $1.00.
Daisy, double giant white, pkt., 25c. Longfellow, rose, pkt., 25c. Mixed pkt., 20c.
Cyclamen seed, giant. Pure white, dazzling blood red, rose pink, and white red eye, 65c 100; $6.00 1000. Williams' very darkest, 75c 100; $7.00 1000. Fringed novelties, $1.00 100; $8.00 1000. All colors mixed, 60c 100. $5.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Cineraria hybrida, mixed, 75c 1000 seeds. Cyclamen persicum giganteum, mixture or 5 colors separate, $5.00 1000 seeds. Pansies, special cemetery mixture, 50c trade pkt., $2.50 oz.; Trimardeau Elite mixture, oz., $2.50; special florists' mixture, trade pkt. 50c, oz. $3.00; Bugnot's, 50c trade pkt., $3.50 oz.; Cassiers' giant mixture, 50c trade pkt., $4.00 oz. Myosotis Winter Queen, 50c 1000 seeds; M. Alpestris Victoria, 25c trade pkt., $1.00 oz. Stocks, Boston Market, white, 50c trade pkt., $3.00 oz.; Cut and Come Again, white, 50c trade pkt., $2.50 oz.; lavender, pink, purple, carmine, each, 50c trade pkt., $3.00 oz.; Excelsior, white spikes, $1.00 trade pkt., $5.00 oz.; New Perfection, blue, $1.00 trade pkt., $6.00 oz.
O. V. Zangen, Hoboken, N. J.

New crop seed of my well known CHRISTMAS sweet peas. Zvolanek's CHRISTMAS PINK, FLORENCE DENZER, pure white, $2.00 lb.; 75c ¼ lb. Christmas Red and Christmas White (new black seeded), 2 oz., 75c, mailed free. Sold only in original pkts. with full cultural directions. If sown the first days in September will bloom for Christmas and all winter. Not less than 75c worth sold. Orders booked in rotation.
A. C. Zvolanek, Bound Brook, N. J.

SWEET PEAS for Xmas flowering Christmas, true, the earliest pink for flowering under glass, 15c oz.; 60c lb. White Christmas, true, the earliest white in cultivation, a companion to pink Christmas, 20c oz.; 75c lb.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00; 1000 seeds, 60c.
A. T. Boddington, 342 West 14th St., New York.

XXX seeds. Chinese primrose, finest grown; mixed, 500 seeds, $1.00; half pkt., 50c.
Giant daisy, finest giant, mixed, 1000 seeds, 25c.
Giant pansy, the best large flowering varieties, critically selected, 5000 seeds, $1.00; half pkt., 50c; 500 seeds of Giant Mme. Perret pansy seed added to every $1.00 pkt. of Giant pansy. Cash.
John F. Rupp, Shiremanstown, Pa.

Pansies. Mette's Triumph of the Giants, the most perfect in the world, $5.00 oz., $1.50 ¼ oz., 75c 1/16 oz. Postage paid. Cash. Also grower and exporter of choice vegetable and flower seeds. Send for list and prices.
Henry Mette, Quedlinburg, Germany.

Grand Rapids lettuce seed, GILT EDGE STRAIN. We supply many of the largest commercial growers. Prices, lb., 50c; 5 lbs. or more at 40c per lb. Transportation prepaid at 10c lb. extra. Cash with order.
E. C. Green & Son, Medina, O.

Cineraria grandiflora, medium tall and dwarf, prize varieties, mixed, 50c trade pkt. Pansy seed, superb mixed, ⅛ oz., 60c; ¼ oz., $1.15; oz., $4.50. Choice large flowering, mixed, oz., $1.25. W. C. Beckert, Allegheny, Pa.

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MACON, GA.—Daniel Horgan has made many improvements in the Idle Hour Nursery, which he recently purchased. The store is in charge of H. E. Jephson, formerly of Philadelphia.

KANSAS CITY, MO.—W. L. Rock and Louis W. Shouse, manager of Convention hall, who were in Washington, attending the convention, visited eight or ten cities in the east before returning, and saw all the well known flower growers and exhibitors and obtained their promises to come to Kansas City this fall.

OBERLIN, O.—Congdon & Sackett have dissolved partnership. A. R. Congdon retains the plant and is setting a new boiler and making other improvements. C. A. Sackett is putting up a new range to continue in the business. Trade is dull just now but promises well for the season now close at hand.



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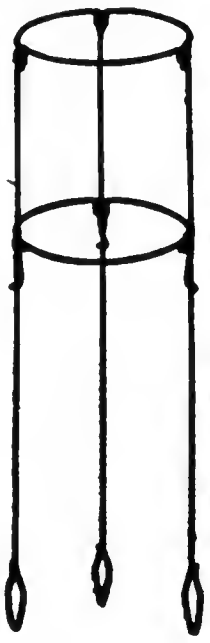
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MANCHESTER, MASS.

The North Shore Horticultural Society held its summer show in a large tent on the grounds of the Essex County Club on August 24. The exhibition was a very successful one and attracted a large attendance of society people. The tent was electrically lighted in the evening.

The schedule embraced no less than 109 classes, there being entries in nearly all. Asters had fifteen classes allotted to them. For the Breck special prizes for the best display, J. F. Monson was first and W. C. Thomas second. Mrs. James McMillan, F. Brasch, gardener, had the best collection of dahlias. There was a fine showing of gladioli. G. M. Lane, H. Shaw, gardener, was first and Mrs. J. McMillan second. Miss Loring won for finest display of annuals and Mrs. H. L. Higginson had the best of seven tables arranged for effect, winning the society's silver medal, Mrs. R. C. Hooper, Wm. Swan, gardener, taking the bronze medal.

Herbaceous flowers are always well shown here. On this occasion Miss A. G. Thayer, J. McGregor, gardener, was first. For twenty plants arranged for effect W. B. Walker, T. Jack, gardener, won with a good lot. R. E. Robbins, W. Watt, gardener, had the best specimen fern, G. N. Black being second. Mrs. F. M. Whitehouse had the best basket arranged for effect, D. H. Mitchell, gardener to Mrs. A. Tibbetts, being second. Mrs. McMillan showed a fine lot of Hunnemannia fumariæfolia and Mrs. W. B. Thomas well grown Eucharia Amazonica.

An interesting class was that in which children competed with geranium plants distributed by the society last May. There were nearly 100 contestants in this class, some of the plants showing excellent culture.

Mrs. F. M. Whitehouse had the best collection of vegetables, G. S. Curtis, E. P. Hooper, gardener, being second. Among miscellaneous exhibits Blue Hill Nurseries received a certificate of merit for a fine collection of herbaceous plants. Similar awards went to T. C. Thurlow for perennial phlox, Bay State Nurseries for herbaceous plants, Philip Dexter, J. Salter, gardener, on display of cut flowers, and R. & J. Farquhar & Co. for cut flowers and plants including Lilium Philippinense. The judges were Wm. E. Doyle, J. L. Porter and C. Wyness.

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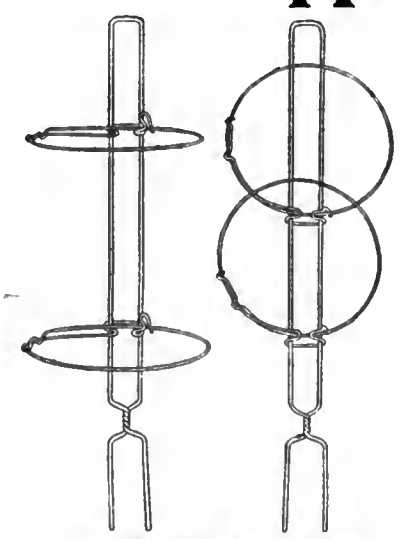
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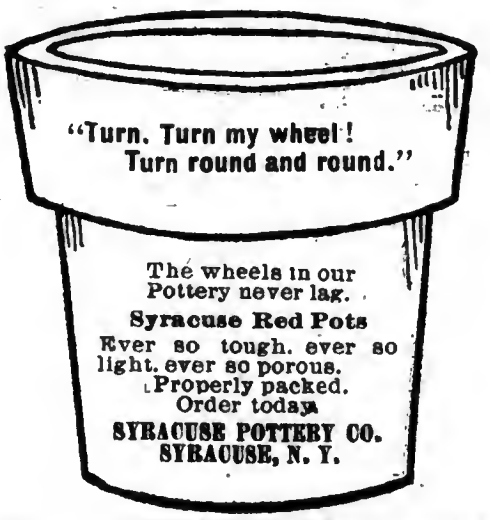
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TOLEDO, OHIO.

Club Organized.

On August 10 a few of the local florists, including Mr. Gladiolus Cushman, of our suburb, Sylvania, met in answer to a call sent out by George Bayer in order to establish a local florists' club. The meeting was held at Chas. Schramm's greenhouse office, and resulted in the election of George Bayer as temporary president and S. M. Peck as temporary secretary. A committee was appointed to draft a constitution and by-laws. Adjournment was then taken to August 24, at which meeting Mr. Bayer was made president, Mr. Cushman vice-president and Mr. Peck secretary and treasurer for a term of one year. The meeting was attended by fifteen, and as about ten more are willing to join, we can figure on a good membership. Chas. Schramm is a committee of one on permanent headquarters, where meetings will be held once a month hereafter. Everybody is enthusiastic and puts his shoulder to the wheel.

After the business part of the last meeting we had a general discussion on aster bugs, but as nobody knew any remedy outside of catching them by hand and dropping a brick on them, the matter hangs fire.

Various Notes.

The Washington crowd is back, sound and well, except Mr. Mills, who got into a wreck on the home trip and lost a lot of teeth and had a number of stitches taken in his face. He seems to be doing well, according to the last report. Next year's meeting of the S. A. F. will be well attended from here.

Our president, George Bayer, was much surprised that a certain coat promised by the Detroit boys at their recent visit to Toledo, and to be worn by the president of the Toledo Florists' Club, had not made its appearance. Said coat is composed of a certain number of tissues of fabric, the composition of which can only be ascertained from Wm. Dilger and about a dozen of other Detroiters, and E. Suder and E. Kuhnke, of Toledo.

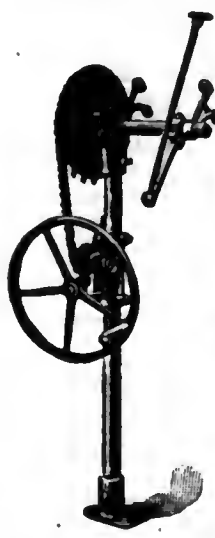
Business is as good as the season allows.

Carnation planting is about over.

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Al. Imoberstag is putting up some nice houses near Forest cemetery.

E. A. K.



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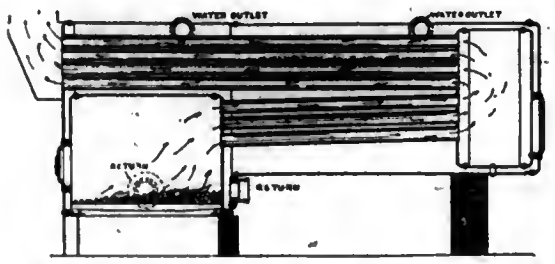
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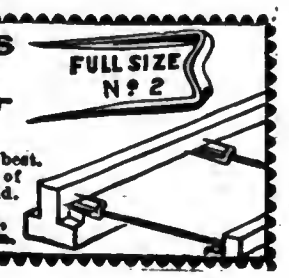
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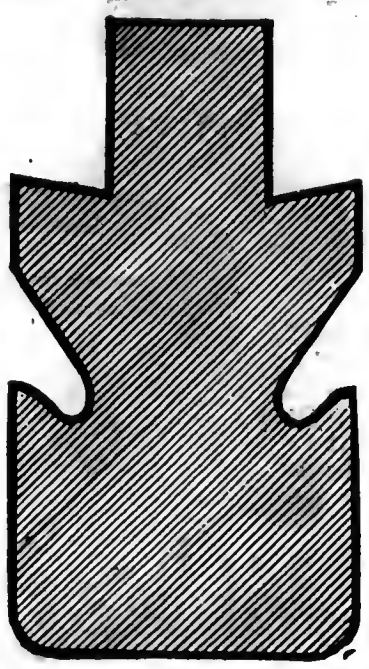
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